STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-48771	6. SURFACE: State
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐	8. UNIT or CA AGREEMENT NAME: Little Canyon
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.	9. WELL NAME and NUMBER: LCU 6-2H
3. ADDRESS OF OPERATOR: 14000 Quail Sp Pkwy CITY Oklahoma City STATE OK ZIP 73134 / PHONE NUMBER: (405) 749-5263	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,364' FNL & 1,929' FWL, SE/4 NW/4 AT PROPOSED PRODUCING ZONE: 1,950' FNL & 2,100' FWL, SE/4 NW/4	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 2 11 20 S
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.59 miles south of Ouray, Utah	12. COUNTY: Uintah / 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 1,364'	16. NUMBER OF ACRES IN LEASE: 638.50 / 17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): 2,200'	19. PROPOSED DEPTH: 7,900 / 20. BOND DESCRIPTION: SITLA Blanket 76S 63050 361
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5,398'	22. APPROXIMATE DATE WORK WILL START: 9/1/2006 / 23. ESTIMATED DURATION: 14 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8" H-40 ST 48#	500	see Drilling Plan
12-1/4"	9-5/8" J-55 LT 36#	3,100	see Drilling Plan
7-7/8"	5-1/2" Mav 80 L 17#	7,900	see Drilling Plan
			(7,992' MD)

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

ORIGINAL

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Don Hamilton TITLE Agent for Dominion Exploration & Production, Inc.

SIGNATURE Don Hamilton DATE 6/5/2006

(This space for State use only)

RECEIVED
JUN 08 2006

CONFIDENTIAL

API NUMBER ASSIGNED: 43-047-38255

APPROVAL:

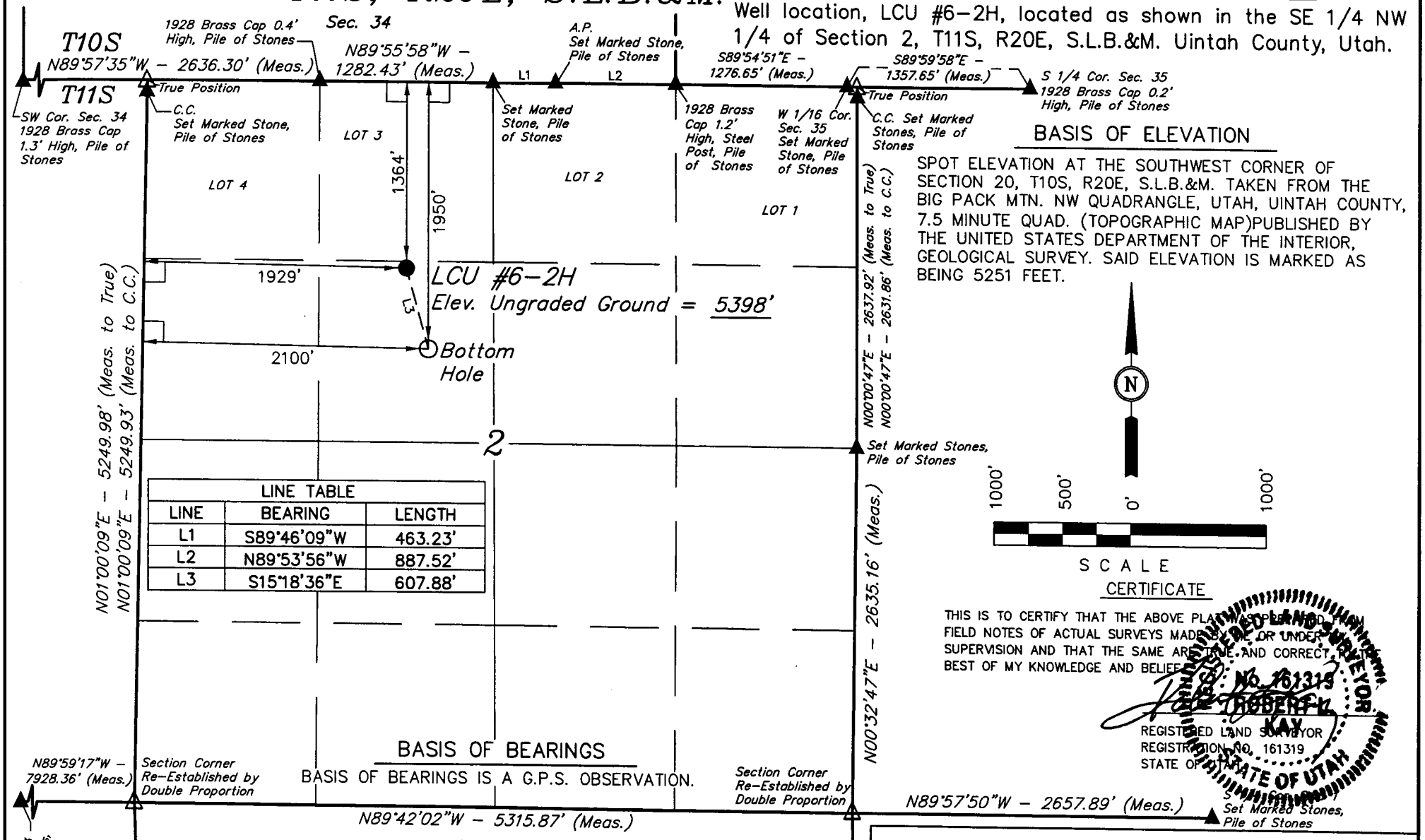
DIV. OF OIL, GAS & MINING

(11/2001) (See Instructions on Reverse Side)

T11S, R20E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

Well location, LCU #6-2H, located as shown in the SE 1/4 NW 1/4 of Section 2, T11S, R20E, S.L.B.&M. Uintah County, Utah.



LINE TABLE		
LINE	BEARING	LENGTH
L1	S89°46'09"W	463.23'
L2	N89°53'56"W	887.52'
L3	S15°18'36"E	607.88'

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP)PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. BY DOUBLE PROPORTION METHOD. (NOT SET)

(NAD 83)
LATITUDE = 39°53'34.38" (39.892883)
LONGITUDE = 109°38'56.56" (109.649044)
(NAD 27)
LATITUDE = 39°53'34.51" (39.892919)
LONGITUDE = 109°38'54.07" (109.648353)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 03-20-06	DATE DRAWN: 3-22-06
PARTY: B.B. B.C. P.M.	REFERENCES: G.L.O. PLAT	
WEATHER: COOL	FILE: DOMINION EXPLR. & PROD., INC	

B&A Buys & Associates, Inc.
Environmental Consultants

300 E. Mineral Ave., Suite 10
Littleton, CO 80122-2631
303/781-8211 303/781-1167 Fax

June 5, 2006

Mrs. Diana Whitney
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.
LCU 6-2H
Surface Location: 1,364' FNL & 1,929' FWL, SE/4 NW/4
Target Location: 1,950' FNL & 2,100' FWL, SE/4 NW/4
Section 2, T11S, R20E, SLB&M, Uintah County, Utah

Dear Mrs. Whitney:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and two copies of the Application for Permit to Drill (APD) for the above referenced State administered directional well. A request for exception to spacing (R649-3-11) is hereby requested based on topography since the well is located within 460' of the drilling unit boundary. Dominion Exploration & Production, Inc. is the only owner and operator within 460' of the proposed well and all points along the intended well bore path. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton

Don Hamilton
Agent for Dominion

cc: Fluid Mineral Group, BLM—Vernal Field Office
Carla Christian, Dominion
Ken Secrest, Dominion

DRILLING PLAN

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:	Dominion Exploration & Production
Address:	14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134
Well Location:	LCU 6-2H SHL: 1364' FNL & 1929' FWL Section 2-11S-20E BHL: 1950' FNL & 2100' FWL Section 2-11S-20E Uintah County, UT

1. GEOLOGIC SURFACE FORMATION — Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

Formation	Depth
Wasatch Tongue	3,665'
Green River Tongue	4,025'
Wasatch	4,165'
Chapita Wells	5,015'
Uteland Buttes	6,155'
Mesaverde	6,935'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

Formation	Depth	Type
Wasatch Tongue	3,665'	Oil
Green River Tongue	4,025'	Oil
Wasatch	4,165'	Gas
Chapita Wells	5,015'	Gas
Uteland Buttes	6,155'	Gas
Mesaverde	6,935'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	Size	Weight	Grade	Conn.	Top	Bottom	Hole
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-½"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	3,100'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	7,900'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.
Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.
Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set.. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS
   - An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
   - KCL mud system will be used to drill well.
   - The mud system will be monitored manually/visually.

Depths	Mud Weight (ppg)	Mud System
0' – 500'	8.4	Air foam mist, no pressure control
500' – 3,100'	8.6	Fresh water, rotating head and diverter
2,800' – 7,900'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE
   - An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
   - A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
   - "Target tee" connections will be a minimum of 50' from wellhead.
   - The blooie line discharge will be a minimum of 80' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED
   a. Kelly cock.
   b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED
   - A drillstem test in the Wasatch Tongue is possible.
   - One electric line wire-log will be run from total depth to intermediate casing.
   - The gamma ray will be left on to record from total depth to intermediate casing.
   - Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
   - A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED
    - Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
    - No abnormal temperature or pressures are anticipated.
    - The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY
    - No water pipelines will be laid for this well.
    - No water well will be drilled for this well.
    - Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
    - Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:
Drill 17-½" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% $CaCl_2$ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary.

b. Intermediate Casing Cement:
- Drill 12-1/4" hole to 3,100'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	300	0'–2,000'	11.0 ppg	3.82 CFS	644 CF	1,128 CF
Tail	390	2,000'–3,100'	15.6 ppg	1.18 CFS	251 CF	439 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Pump Time: 1 hr. 5 min. @ 90 °F.
Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:
- Drill 7-7/8" hole to 7,900'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 2% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume
Lead	90	3,365'–4,165'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	740	4,165'–7,900'	13.0 ppg	1.75 CFS	647 CF	1294 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS
Starting Date: September 1, 2006
Duration: 14 Days

Dominion E&P

Field: Uintah County, UT
Site: LCU 6-2H
Well: Well #6-2H
Wellpath: Orginal Hole
Plan: Plan #1

SITE DETAILS

LCU 6-2H
Sec 2, T11S, R20E
Uintah County, UT

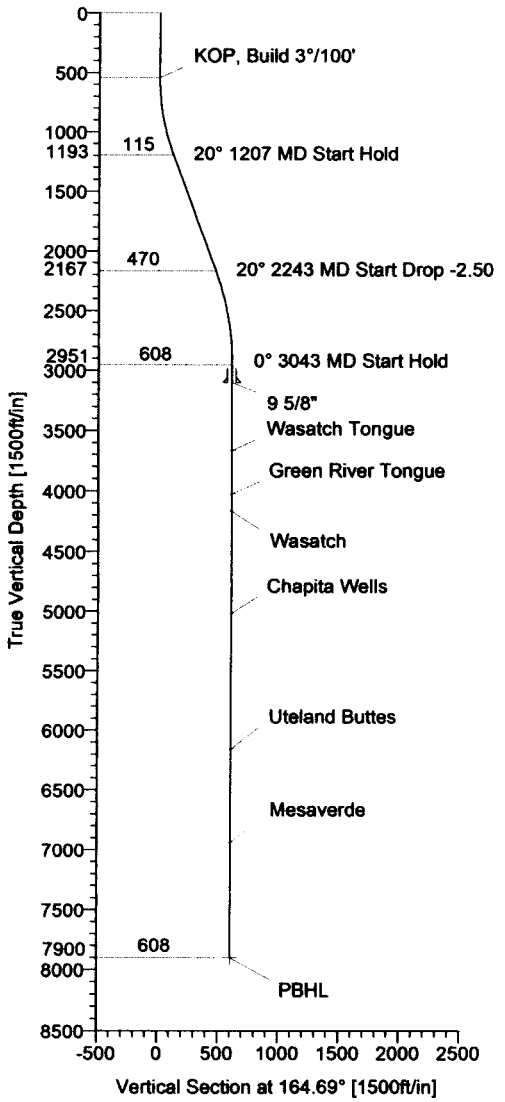
Site Centre Latitude: 39°53'34.380N
Longitude: 109°38'56.560W

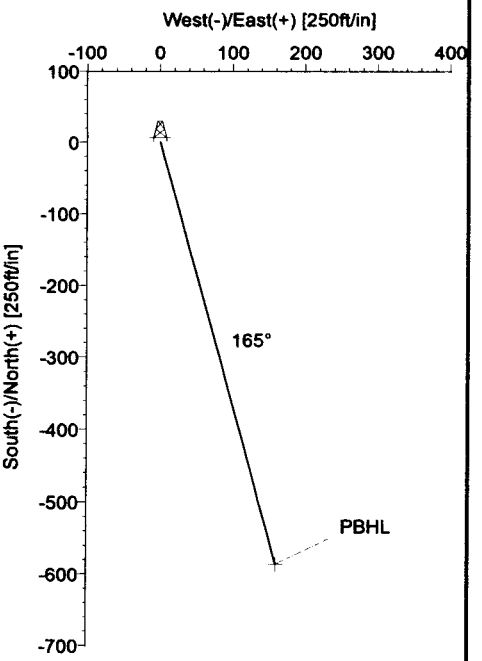
Ground Level: 5395.00
Positional Uncertainty: 0.00
Convergence: 1.19

Azimuths to True North
Magnetic North: 11.77°

Magnetic Field
Strength: 52814nT
Dip Angle: 65.88°
Date: 5/4/2006
Model: igrf2005

Dominion™





TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
PBHL	7900.00	-586.31	160.51	39°53'28.585N	109°38'54.501W	Point

FORMATION TOP DETAILS

No.	TVDPath	MDPath	Formation
1	3665.00	3757.11	Wasatch Tongue
2	4025.00	4117.11	Green River Tongue
3	4165.00	4257.11	Wasatch
4	5015.00	5107.11	Chapita Wells
5	6155.00	6247.11	Uteland Buttes
6	6935.00	7027.11	Mesaverde

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Site Centre LCU 6-2H, True North
Vertical (TVD) Reference: Est. RKB @ 5415.0 0.00
Section (VS) Reference: Slot - (0.00N,0.00E)
Measured Depth Reference: Est. RKB @ 5415.0 0.00
Calculation Method: Minimum Curvature

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Well #6-2H	0.00	0.00	7135094.34	2159710.30	39°53'34.380N	109°38'56.560W	N/A

FIELD DETAILS

Uintah County, UT
Utah - Natural Buttes
USA

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: Utah, Central Zone
Magnetic Model: igrf2005

System Datum: Mean Sea Level
Local North: True North

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	164.69	0.00	0.00	0.00	0.00	0.00	0.00	
2	540.00	0.00	164.69	540.00	0.00	0.00	0.00	0.00	0.00	
3	1206.68	20.00	164.69	1193.22	-111.09	30.41	3.00	164.69	115.18	
4	2243.10	20.00	164.69	2167.13	-453.00	124.01	0.00	0.00	469.66	
5	3043.11	0.00	164.69	2951.00	-586.31	160.51	2.50	180.00	607.88	
6	7992.11	0.00	164.69	7900.00	-586.31	160.51	0.00	0.00	607.88	PBHL

Ryan Energy Technologies
475 17th street, Suite 1330
Denver, CO 80202
303-296-2930 Office
303-308-8102 Fax

Ryan The leader in UNDERGROUND INTELLIGENCE

Plan: Plan #1 (Well #6-2H/Orginal Hole)
Created By: Ray Williams Date: 5/4/2006
Checked: _____ Date: _____
Reviewed: _____ Date: _____
Approved: _____ Date: _____

CONFIDENTIAL

Ryan Energy Technologies
Planning Report

Company:	Dominion E&P	**Date:** 5/4/2006	**Time:** 11:45:39	**Page:**	1
Field:	Uintah County, UT	**Co-ordinate(NE) Reference:**	Site: LCU 6-2H, True North		
Site:	LCU 6-2H	**Vertical (TVD) Reference:**	Est. RKB @ 5415.0 0.0		
Well:	Well #6-2H	**Section (VS) Reference:**	Well (0.00N,0.00E,164.69Azi)		
Wellpath:	Orginal Hole	**Plan:**	Plan #1		

Field:	Uintah County, UT Utah - Natural Buttes USA		
Map System:	US State Plane Coordinate System 1983	**Map Zone:**	Utah, Central Zone
Geo Datum:	GRS 1980	**Coordinate System:**	Site Centre
Sys Datum:	Mean Sea Level	**Geomagnetic Model:**	igrf2005

Site:	LCU 6-2H Sec 2, T11S, R20E Unitah County, UT				
Site Position:		**Northing:**	7135094.34 ft	**Latitude:**	39 53 34.380 N
From:	Geographic	**Easting:**	2159710.30 ft	**Longitude:**	109 38 56.560 W
Position Uncertainty:	0.00 ft			**North Reference:**	True
Ground Level:	5395.00 ft			**Grid Convergence:**	1.19 deg

Well:	Well #6-2H				**Slot Name:**	
Well Position:	+N/-S	0.00 ft	**Northing:**	7135094.34 ft	**Latitude:**	39 53 34.380 N
	+E/-W	0.00 ft	**Easting :**	2159710.30 ft	**Longitude:**	109 38 56.560 W
Position Uncertainty:		0.00 ft				

Wellpath:	Orginal Hole			**Drilled From:**	Surface
				Tie-on Depth:	0.00 ft
Current Datum:	Est. RKB @ 5415.0	**Height**	0.00 ft	**Above System Datum:**	Mean Sea Level
Magnetic Data:	5/4/2006			**Declination:**	11.77 deg
Field Strength:	52814 nT			**Mag Dip Angle:**	65.88 deg

Vertical Section:	**Depth From (TVD)** ft	**+N/-S** ft	**+E/-W** ft	**Direction** deg
	7900.00	0.00	0.00	164.69

Plan:	Plan #1	**Date Composed:**	5/4/2006
		Version:	1
Principal:	Yes	**Tied-to:**	From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	164.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	164.69	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
1206.68	20.00	164.69	1193.22	-111.09	30.41	3.00	3.00	0.00	164.69	
2243.10	20.00	164.69	2167.13	-453.00	124.01	0.00	0.00	0.00	0.00	
3043.11	0.00	164.69	2951.00	-586.31	160.51	2.50	-2.50	0.00	180.00	
7992.11	0.00	164.69	7900.00	-586.31	160.51	0.00	0.00	0.00	0.00	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
540.00	0.00	164.69	540.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP, Build 3°/100'
600.00	1.80	164.69	599.99	-0.91	0.25	0.94	3.00	3.00	0.00	
700.00	4.80	164.69	699.81	-6.46	1.77	6.70	3.00	3.00	0.00	
800.00	7.80	164.69	799.20	-17.04	4.67	17.67	3.00	3.00	0.00	
900.00	10.80	164.69	897.87	-32.63	8.93	33.83	3.00	3.00	0.00	
1000.00	13.80	164.69	995.57	-53.17	14.56	55.13	3.00	3.00	0.00	
1100.00	16.80	164.69	1092.01	-78.62	21.52	81.51	3.00	3.00	0.00	
1206.68	20.00	164.69	1193.22	-111.09	30.41	115.18	3.00	3.00	0.00	
1300.00	20.00	164.69	1280.91	-141.88	38.84	147.10	0.00	0.00	0.00	
1400.00	20.00	164.69	1374.88	-174.87	47.87	181.30	0.00	0.00	0.00	
1500.00	20.00	164.69	1468.85	-207.86	56.90	215.51	0.00	0.00	0.00	
1600.00	20.00	164.69	1562.82	-240.85	65.93	249.71	0.00	0.00	0.00	
1700.00	20.00	164.69	1656.79	-273.84	74.97	283.91	0.00	0.00	0.00	
1800.00	20.00	164.69	1750.76	-306.82	84.00	318.11	0.00	0.00	0.00	
1900.00	20.00	164.69	1844.73	-339.81	93.03	352.32	0.00	0.00	0.00	

Company:	Dominion E&P	**Date:** 5/4/2006	**Time:** 11:45:39	**Page:**	2
Field:	Uintah County, UT	**Co-ordinate(NE) Reference:**	Site: LCU 6-2H, True North		
Site:	LCU 6-2H	**Vertical (TVD) Reference:**	Est. RKB @ 5415.0 0.0		
Well:	Well #6-2H	**Section (VS) Reference:**	Well (0.00N,0.00E,164.69Azi)		
Wellpath:	Orginal Hole	**Plan:**	Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2000.00	20.00	164.69	1938.70	-372.80	102.06	386.52	0.00	0.00	0.00	
2100.00	20.00	164.69	2032.67	-405.79	111.09	420.72	0.00	0.00	0.00	
2200.00	20.00	164.69	2126.64	-438.78	120.12	454.92	0.00	0.00	0.00	
2243.10	20.00	164.69	2167.13	-453.00	124.01	469.66	0.00	0.00	0.00	
2300.00	18.58	164.69	2220.84	-471.13	128.98	488.46	2.50	-2.50	0.00	
2400.00	16.08	164.69	2316.30	-499.85	136.84	518.24	2.50	-2.50	0.00	
2500.00	13.58	164.69	2412.96	-524.53	143.60	543.83	2.50	-2.50	0.00	
2600.00	11.08	164.69	2510.64	-545.12	149.23	565.18	2.50	-2.50	0.00	
2700.00	8.58	164.69	2609.17	-561.58	153.74	582.25	2.50	-2.50	0.00	
2800.00	6.08	164.69	2708.34	-573.88	157.11	595.00	2.50	-2.50	0.00	
2900.00	3.58	164.69	2807.98	-582.00	159.33	603.42	2.50	-2.50	0.00	
3000.00	1.08	164.69	2907.89	-585.92	160.40	607.48	2.50	-2.50	0.00	
3043.11	0.00	164.69	2951.00	-586.31	160.51	607.88	2.50	-2.50	0.00	
3100.00	0.00	164.69	3007.89	-586.31	160.51	607.88	0.00	0.00	0.00	
3192.11	0.00	164.69	3100.00	-586.31	160.51	607.88	0.00	0.00	0.00	9 5/8"
3200.00	0.00	164.69	3107.89	-586.31	160.51	607.88	0.00	0.00	0.00	
3300.00	0.00	164.69	3207.89	-586.31	160.51	607.88	0.00	0.00	0.00	
3400.00	0.00	164.69	3307.89	-586.31	160.51	607.88	0.00	0.00	0.00	
3500.00	0.00	164.69	3407.89	-586.31	160.51	607.88	0.00	0.00	0.00	
3600.00	0.00	164.69	3507.89	-586.31	160.51	607.88	0.00	0.00	0.00	
3700.00	0.00	164.69	3607.89	-586.31	160.51	607.88	0.00	0.00	0.00	
3757.11	0.00	164.69	3665.00	-586.31	160.51	607.88	0.00	0.00	0.00	Wasatch Tongue
3800.00	0.00	164.69	3707.89	-586.31	160.51	607.88	0.00	0.00	0.00	
3900.00	0.00	164.69	3807.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4000.00	0.00	164.69	3907.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4100.00	0.00	164.69	4007.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4117.11	0.00	164.69	4025.00	-586.31	160.51	607.88	0.00	0.00	0.00	Green River Tongue
4200.00	0.00	164.69	4107.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4257.11	0.00	164.69	4165.00	-586.31	160.51	607.88	0.00	0.00	0.00	Wasatch
4300.00	0.00	164.69	4207.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4400.00	0.00	164.69	4307.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4500.00	0.00	164.69	4407.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4600.00	0.00	164.69	4507.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4700.00	0.00	164.69	4607.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4800.00	0.00	164.69	4707.89	-586.31	160.51	607.88	0.00	0.00	0.00	
4900.00	0.00	164.69	4807.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5000.00	0.00	164.69	4907.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5100.00	0.00	164.69	5007.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5107.11	0.00	164.69	5015.00	-586.31	160.51	607.88	0.00	0.00	0.00	Chapita Wells
5200.00	0.00	164.69	5107.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5300.00	0.00	164.69	5207.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5400.00	0.00	164.69	5307.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5500.00	0.00	164.69	5407.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5600.00	0.00	164.69	5507.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5700.00	0.00	164.69	5607.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5800.00	0.00	164.69	5707.89	-586.31	160.51	607.88	0.00	0.00	0.00	
5900.00	0.00	164.69	5807.89	-586.31	160.51	607.88	0.00	0.00	0.00	
6000.00	0.00	164.69	5907.89	-586.31	160.51	607.88	0.00	0.00	0.00	
6100.00	0.00	164.69	6007.89	-586.31	160.51	607.88	0.00	0.00	0.00	
6200.00	0.00	164.69	6107.89	-586.31	160.51	607.88	0.00	0.00	0.00	
6247.11	0.00	164.69	6155.00	-586.31	160.51	607.88	0.00	0.00	0.00	Uteland Buttes
6300.00	0.00	164.69	6207.89	-586.31	160.51	607.88	0.00	0.00	0.00	
6400.00	0.00	164.69	6307.89	-586.31	160.51	607.88	0.00	0.00	0.00	
6500.00	0.00	164.69	6407.89	-586.31	160.51	607.88	0.00	0.00	0.00	

Company:	Dominion E&P	**Date:** 5/4/2006	**Time:** 11:45:39	**Page:**	3
Field:	Uintah County, UT	**Co-ordinate(NE) Reference:**	Site: LCU 6-2H, True North		
Site:	LCU 6-2H	**Vertical (TVD) Reference:**	Est. RKB @ 5415.0 0.0		
Well:	Well #6-2H	**Section (VS) Reference:**	Well (0.00N,0.00E,164.69Azi)		
Wellpath:	Orginal Hole	**Plan:**	Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
6600.00	0.00	164.69	6507.89	-586.31	160.51	607.88	0.00	0.00	0.00	
6700.00	0.00	164.69	6607.89	-586.31	160.51	607.88	0.00	0.00	0.00	
6800.00	0.00	164.69	6707.89	-586.31	160.51	607.88	0.00	0.00	0.00	
6900.00	0.00	164.69	6807.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7000.00	0.00	164.69	6907.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7027.11	0.00	164.69	6935.00	-586.31	160.51	607.88	0.00	0.00	0.00	Mesaverde
7100.00	0.00	164.69	7007.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7200.00	0.00	164.69	7107.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7300.00	0.00	164.69	7207.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7400.00	0.00	164.69	7307.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7500.00	0.00	164.69	7407.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7600.00	0.00	164.69	7507.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7700.00	0.00	164.69	7607.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7800.00	0.00	164.69	7707.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7900.00	0.00	164.69	7807.89	-586.31	160.51	607.88	0.00	0.00	0.00	
7992.11	0.00	164.69	7900.00	-586.31	160.51	607.88	0.00	0.00	0.00	PBHL

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<— Latitude —> Deg Min Sec	<— Longitude —> Deg Min Sec
PBHL -Plan hit target			7900.00	-586.31	160.51	7134511.48	2159882.91	39 53 28.585 N	109 38 54.501 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
3192.11	3100.00	9.625	12.250	9 5/8"

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
3757.11	3665.00	Wasatch Tongue		0.00	0.00
4117.11	4025.00	Green River Tongue		0.00	0.00
4257.11	4165.00	Wasatch		0.00	0.00
5107.11	5015.00	Chapita Wells		0.00	0.00
6247.11	6155.00	Uteland Buttes		0.00	0.00
7027.11	6935.00	Mesaverde		0.00	0.00

Annotation

MD ft	TVD ft	
540.00	540.00	KOP, Build 3°/100'

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator:	Dominion Exploration & Production
Address:	14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134
Well Location:	LCU 6-2H SHL: 1364' FNL & 1929' FWL Section 2-11S-20E BHL: 1950' FNL & 2100' FWL Section 2-11S-20E Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

A state onsite inspection is pending at this time.

1. Existing Roads:

   a. The proposed well site is located approximately 13.59 miles south of Ouray, UT.

   b. Directions to the proposed well site have been attached at the end of Exhibit B.

   c. The use of roads under State and County Road Department maintenance are necessary to access the Little Canyon Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.

   d. All existing roads will be maintained and kept in good repair during all phases of operation.

   e. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

   f. Since no improvements are anticipated to the State, County, Tribal or BLM access roads no topsoil striping will occur.

   g. An off-lease federal, tribal or fee Right-of-Way is not anticipated for the access road or utility corridor since both are located within the existing state lease boundary.

2. Planned Access Roads:

a. From the proposed LCU 5-2H access road an access is proposed trending northwest approximately 0.2 miles to the proposed well site. The access consists of entirely new disturbance and crosses no significant drainages. A road design plan is not anticipated at this time.

b. The proposed access road will consist of a 24' travel surface within a 30' disturbed area.

c. SITLA approval to construct and utilize the proposed access road is requested with this application.

d. A maximum grade of 10% will be maintained throughout the project with no cuts and fills required to access the well.

e. No turnouts are proposed since the access road is only 0.2 miles long and adequate site distance exists in all directions.

f. No culverts and no low water crossings are anticipated. Adequate drainage structures will be incorporated into the road.

g. No surfacing material will come from SITLA, Federal or Indian lands.

h. No gates or cattle guards are anticipated at this time.

i. Surface disturbance and vehicular travel will be limited to the approved location access road.

j. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

k. The operator will be responsible for all maintenance of the access road including drainage structures.

3. Location of Existing Wells:

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. Location of Production Facilities:

a. All permanent structures will be painted a flat, non-reflective Calsbad Canyon / Desert Tan to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.

c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.

d. A tank battery will be constructed on this location; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.

e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.

f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.

g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.

h. A gas pipeline is associated with this application and is being applied for at this time. The proposed gas pipeline corridor will leave the southeast side of the well site and traverse 1,157; southeast to the proposed LCU 5-35F pipeline corridor.

i. The new gas pipeline will be a 6" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction. A new pipeline length of approximately 1,157' is associated with this well.

j. Dominion intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. Location and Type of Water Supply:

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

a. The use of materials will conform to 43 CFR 3610.2-3.

b. No construction materials will be removed from SITLA, Federal or Tribal lands.

c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.

b. Drill cuttings will be contained and buried on site.

c. The reserve pit will be located outboard of the location and along the southwest side of the pad.

d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.

e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.

f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.

g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.

h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.

j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.

k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.

l. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.

m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

a. The well will be properly identified in accordance with 43 CFR 3162.6.

b. Access to the well pad will be from the southeast.

c. The pad and road designs are consistent with SITLA specification

d. A pre-construction meeting with responsible company representative, contractors and the SITLA will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.

e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.

f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.

g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.

h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.

i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.

j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

k. Pits will remain fenced until site cleanup.

l. The blooie line will be located at least 100 feet from the well head.

m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

10. Plans for Restoration of the Surface:

a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.

b. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the SITLA or the appropriate County Extension Office.

c. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.

d. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top soiled and re-vegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.

e. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the SITLA.

11. Surface and Mineral Ownership:

a. Surface Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

b. Mineral Ownership – State of Utah – under the management of the SITLA -State Office, 675 East 500 South, Suite 500, Salt Lake, City, Utah 84102-2818; 801-538-5100.

12. Other Information:

a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.

b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.

c. Additional information:

a. No drainage crossings that require additional State or Federal approval are being crossed.

b. No raptor habitat is known to exist within 1 mile of the proposed wellsite.

13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-719-2018

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's State and BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature: Don Hamilton Date: 6-5-06

ORIGINAL

DOMINION EXPLR. & PROD., INC.
LCU #3-2H & #6-2H
SECTION 2, T11S, R20E, S.L.B.&M.

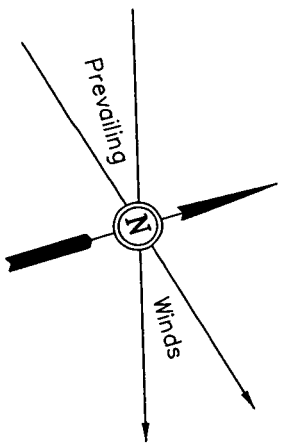
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 13.5 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN WESTERLY DIRECTION APPROXIMATELY 1.8 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #5-2H & #11-2H TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.5 MILES.

DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

LCU #3-2H & #6-2H
SECTION 2, T11S, R20E, S.L.B.&M.
SE 1/4 NW 1/4



SCALE: 1" = 50'
DATE: 03-22-06
Drawn By: P.M.

C-3.8'
El. 98.5'

Topsoil Stockpile

Approx. Top of Cut Slope

Approx. Toe of Fill Slope

F-6.9'
El. 87.8'

Sta. 3+80

C-2.2'
El. 96.9'

Round Corners as Needed

DATA

65'

175'

160'

200'

Reserve Pit Backfill & Spoils Stockpile

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

FLARE PIT

C-3.2'
El. 97.9'

CATWALK

PIPE RACKS

20' WIDE BENCH

30'

C-3.7'
El. 98.4'

El. 96.1'
C-9.4'
(btm. pit)

65'

40'

25'

#3-2H

C-3.1'
El. 97.8'

RIG

DOG HOUSE

35'

125' Sta. 1+80

F-2.8'
El. 91.9'

#6-2H

C-3.1'
El. 97.8'

C-3.8'
El. 98.5'

Slope = 1-1/2:1

WATER

PUMP

MUD SHED

MUD TANKS

TRAILER

TOILET

HOPPER

POWER

FUEL

TOOLS

TRASH

FUEL

Sta. 0+55

STORAGE TANK

10' WIDE BENCH/DIKE

220'

RESERVE PITS
(8' Deep)

NO DISTRURANCE

Total Pit Capacity
W/2' of Freeboard
= 10,690 Bbls. ±
Total Pit Volume
= 3,170 Cu. Yds.

180'

F-0.4'
El. 94.3'

Sta. 0+00

El. 95.4'
C-8.7'
(btm. pit)

20' WIDE BENCH/DIKE

C-0.9'
El. 95.6'

F-12.2'
El. 82.5'

Reserve Pit Backfill & Spoils Stockpile

Proposed Access Road

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L. KAY
STATE OF UTAH

Elev. Ungraded Ground at #6-2H Location Stake = 5397.8'
Elev. Graded Ground at #6-2H Location Stake = 5394.7'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

DOMINION EXPLR. & PROD., INC.

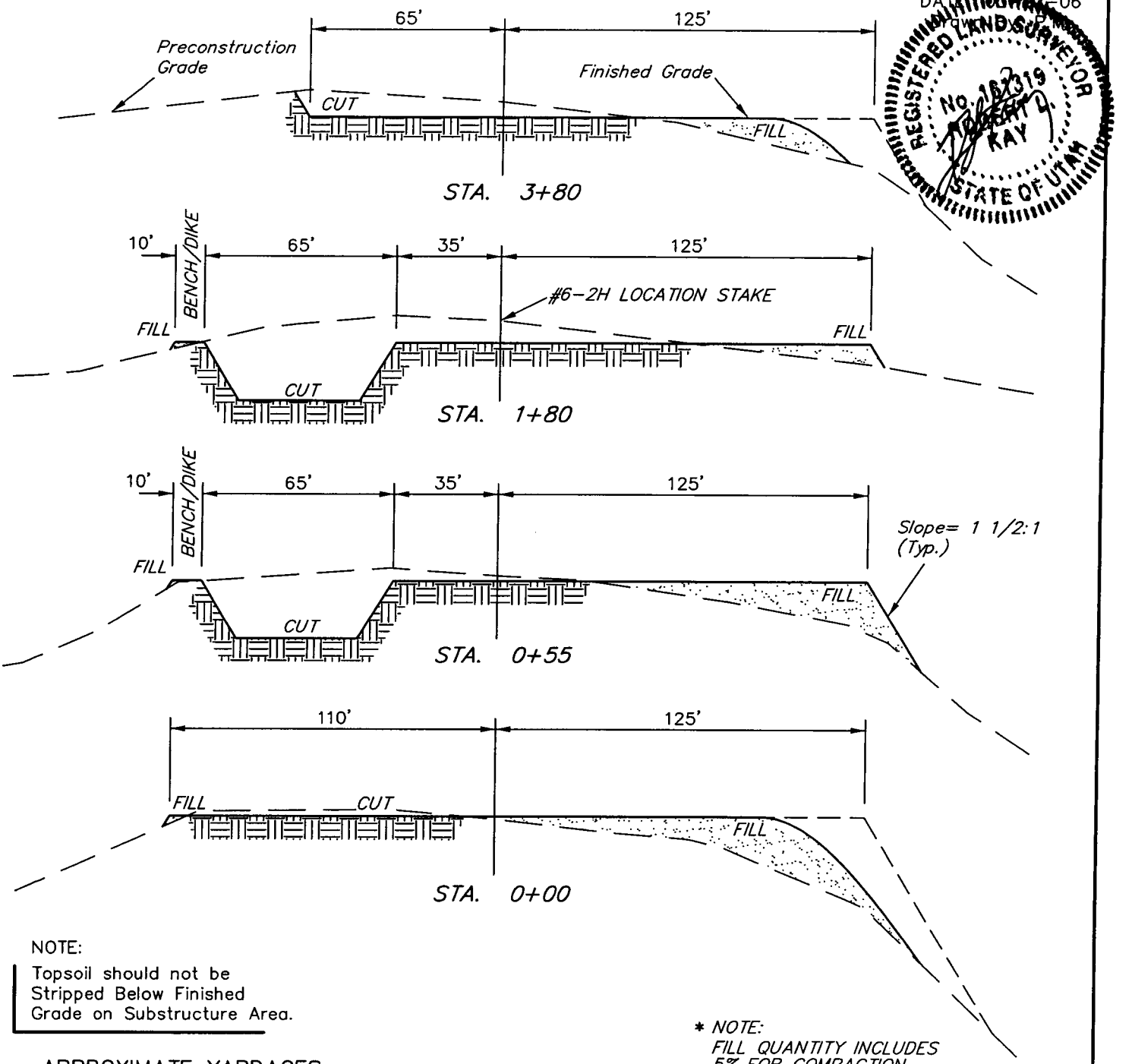
TYPICAL CROSS SECTIONS FOR

LCU #3-2H & #6-2H
SECTION 2, T11S, R20E, S.L.B.&M.
SE 1/4 NW 1/4

1" = 20'
X-Section Scale
1" = 50'

DATE: 03-06

REGISTERED LAND SURVEYOR
No. 161319
TRENT KAY
STATE OF UTAH



NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping	=	1,800 Cu. Yds.
Remaining Location	=	6,010 Cu. Yds.
TOTAL CUT	=	7,810 CU.YDS.
FILL	=	4,420 CU.YDS.

EXCESS MATERIAL	=	3,390 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,390 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

DOMINION EXPLR. & PROD., INC.

LCU #3-2H & #6-2H

LOCATED IN UINTAH COUNTY, UTAH
SECTION 2, T11S, R20E, S.L.B.&M.

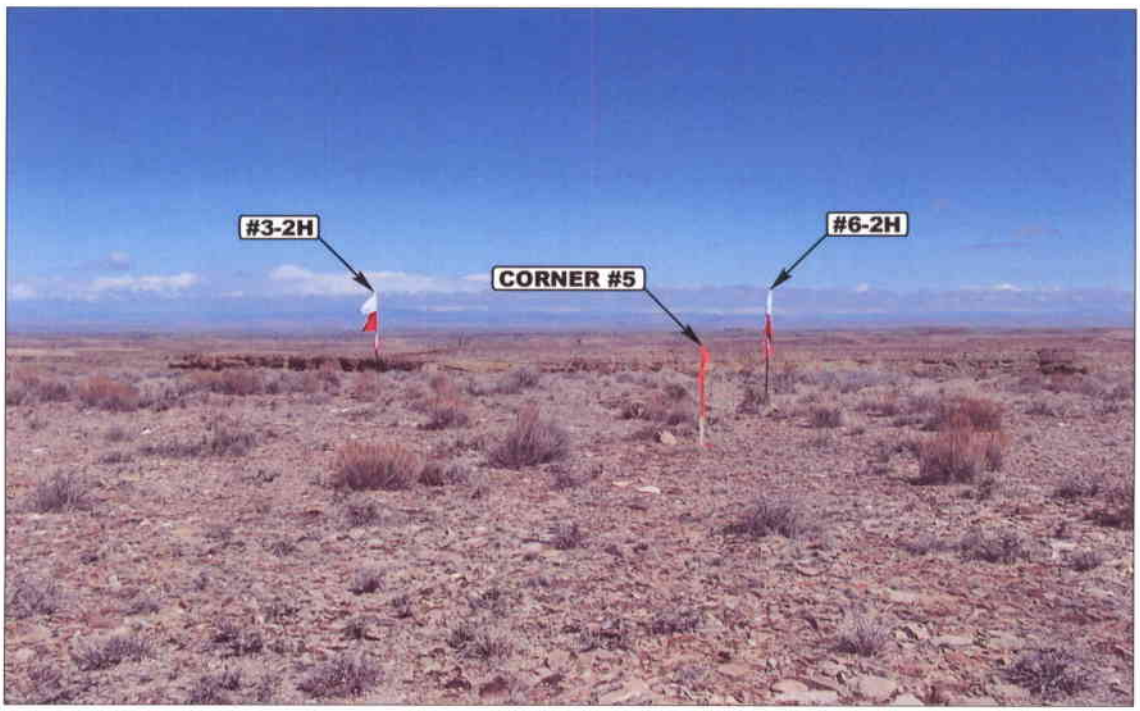


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

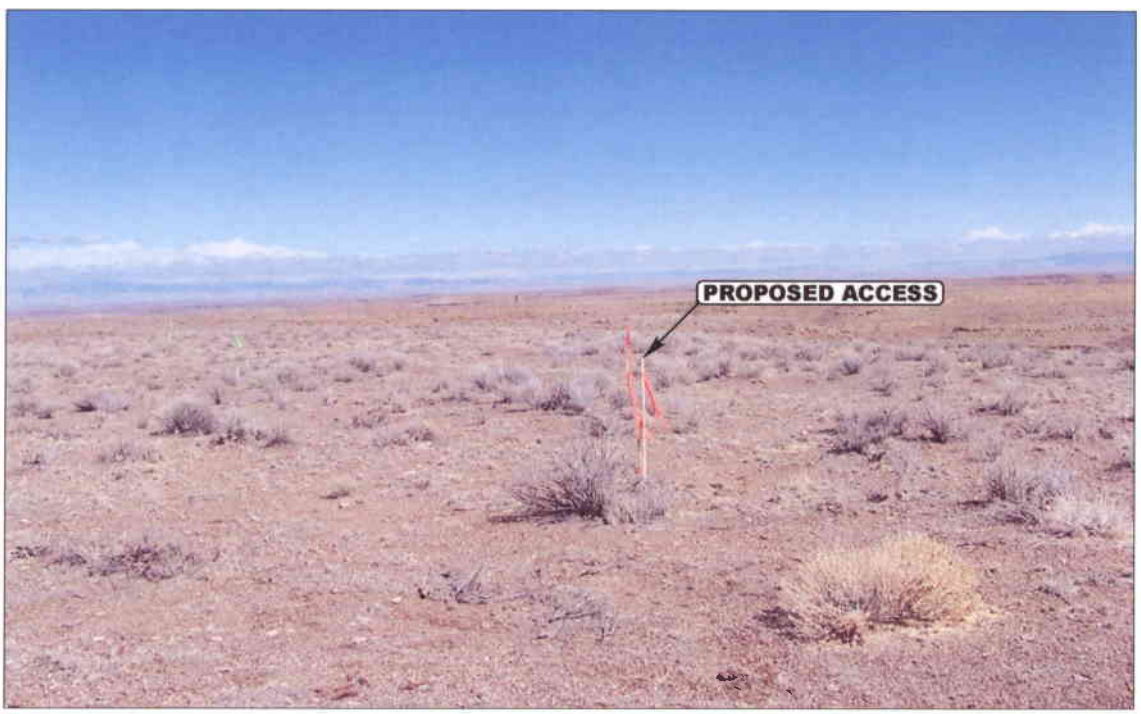
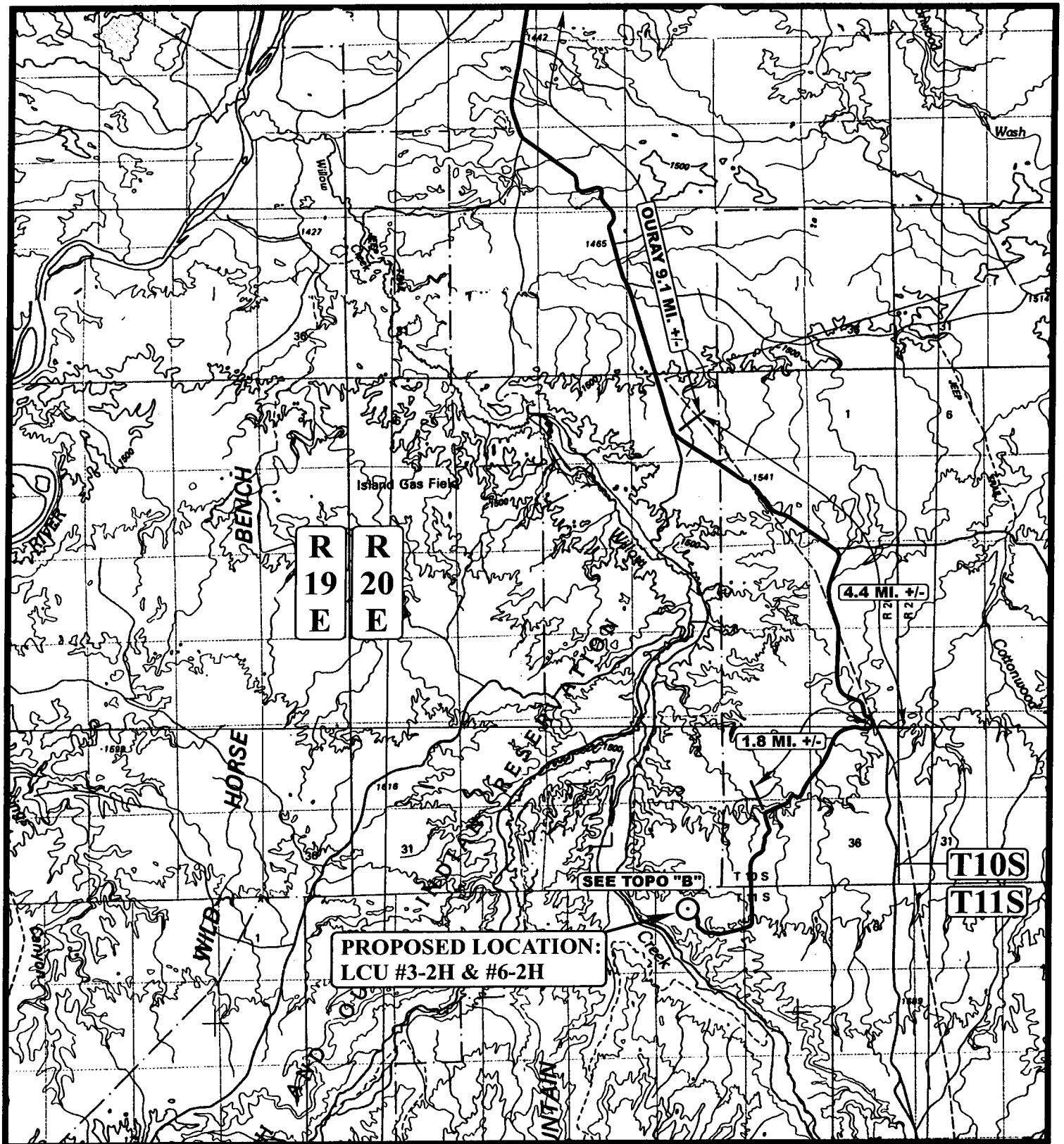


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	03 MONTH	27 DAY	06 YEAR	PHOTO
TAKEN BY: B.B.	DRAWN BY: B.C.	REVISED: 00-00-00		



LEGEND:

⊙ PROPOSED LOCATION

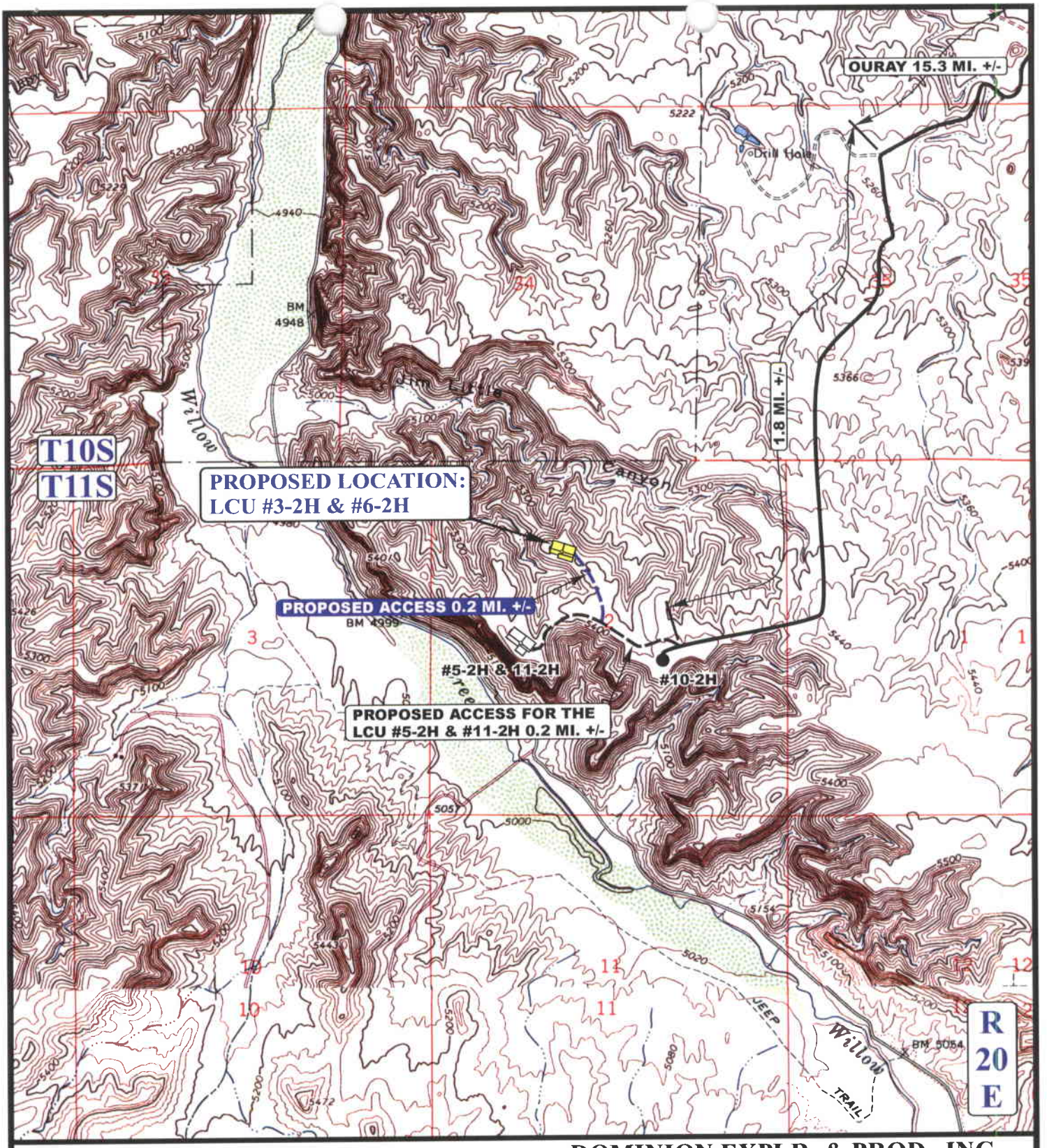
N

DOMINION EXPLR. & PROD., INC.

LCU #3-2H & #6-2H
SECTION 2, T11S, R20E, S.L.B.&M.
SE 1/4 NW 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	03 MONTH	27 DAY	06 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: B.C.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

N

DOMINION EXPLR. & PROD., INC.

LCU #3-2H & #6-2H

SECTION 2, T11S, R20E, S.L.B.&M.

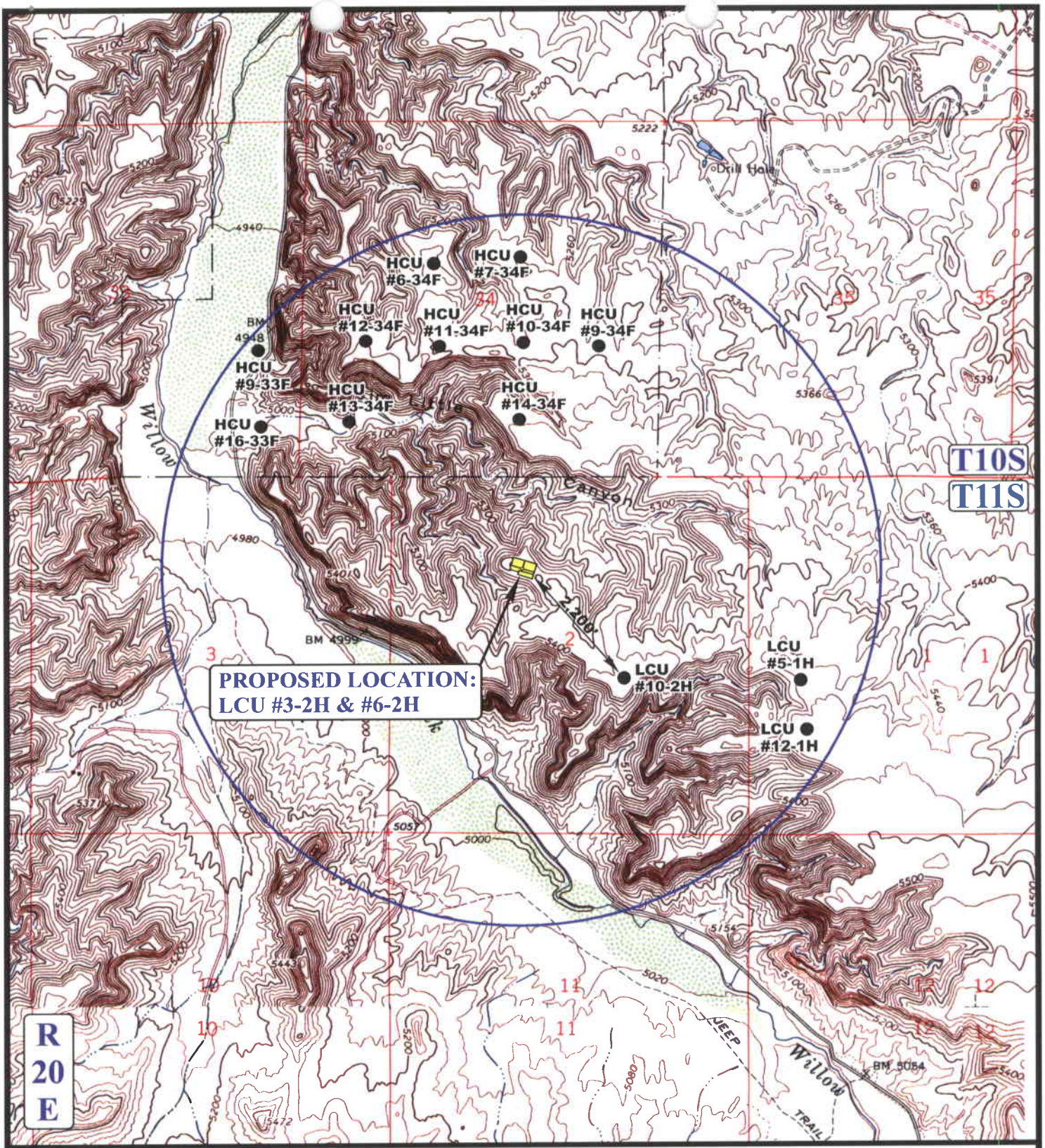
SE 1/4 NW 1/4

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	03 MONTH	27 DAY	06 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: B.C.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

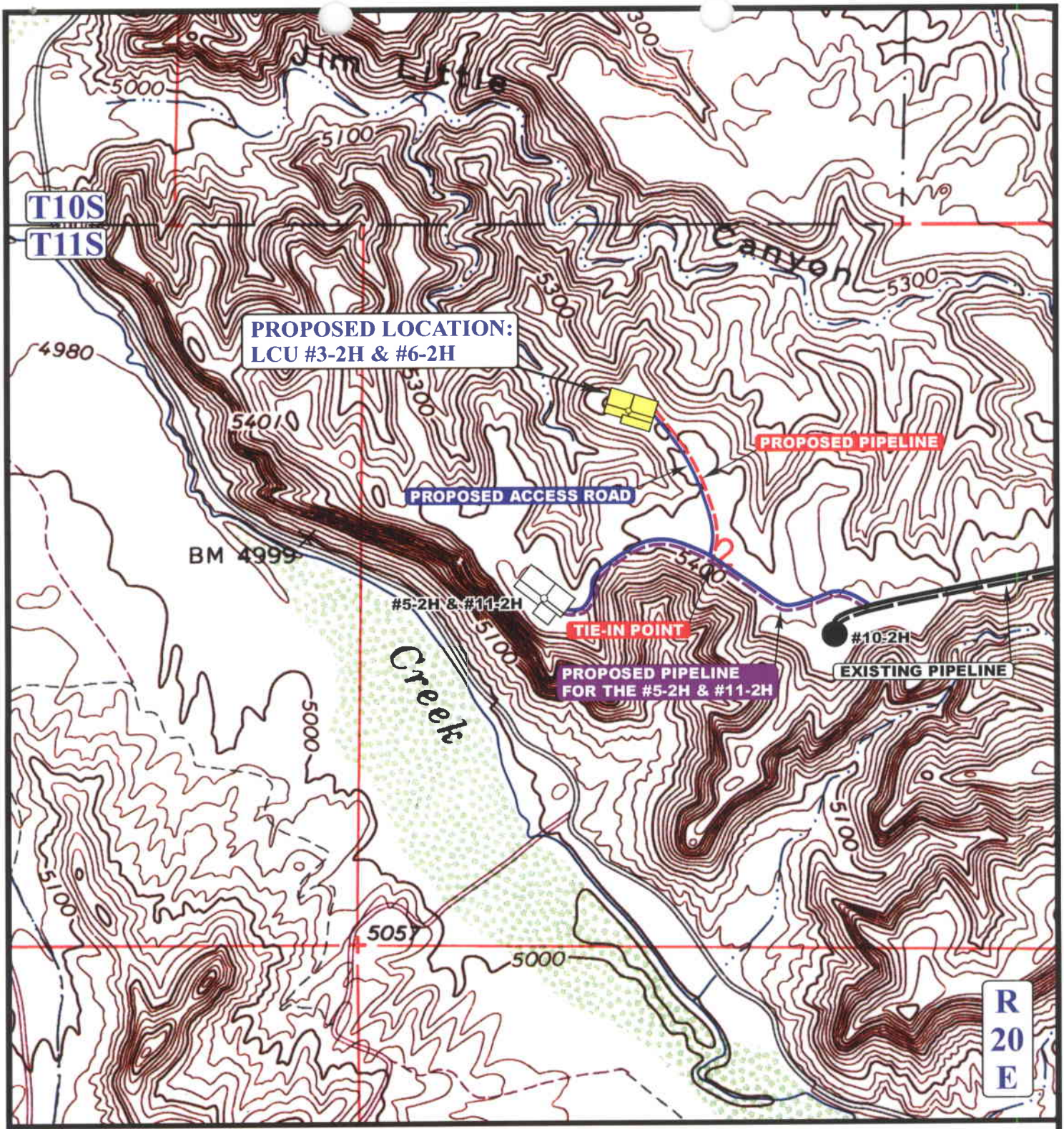
N

DOMINION EXPLR. & PROD., INC.

LCU #3-2H & #6-2H
SECTION 2, T11S, R20E, S.L.B.&M.
SE 1/4 NW 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	03 MONTH	27 DAY	06 YEAR
SCALE: 1" = 2000'	DRAWN BY: B.C.	REVISED: 00-00-00	C TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 1,157' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

DOMINION EXPLR. & PROD., INC.

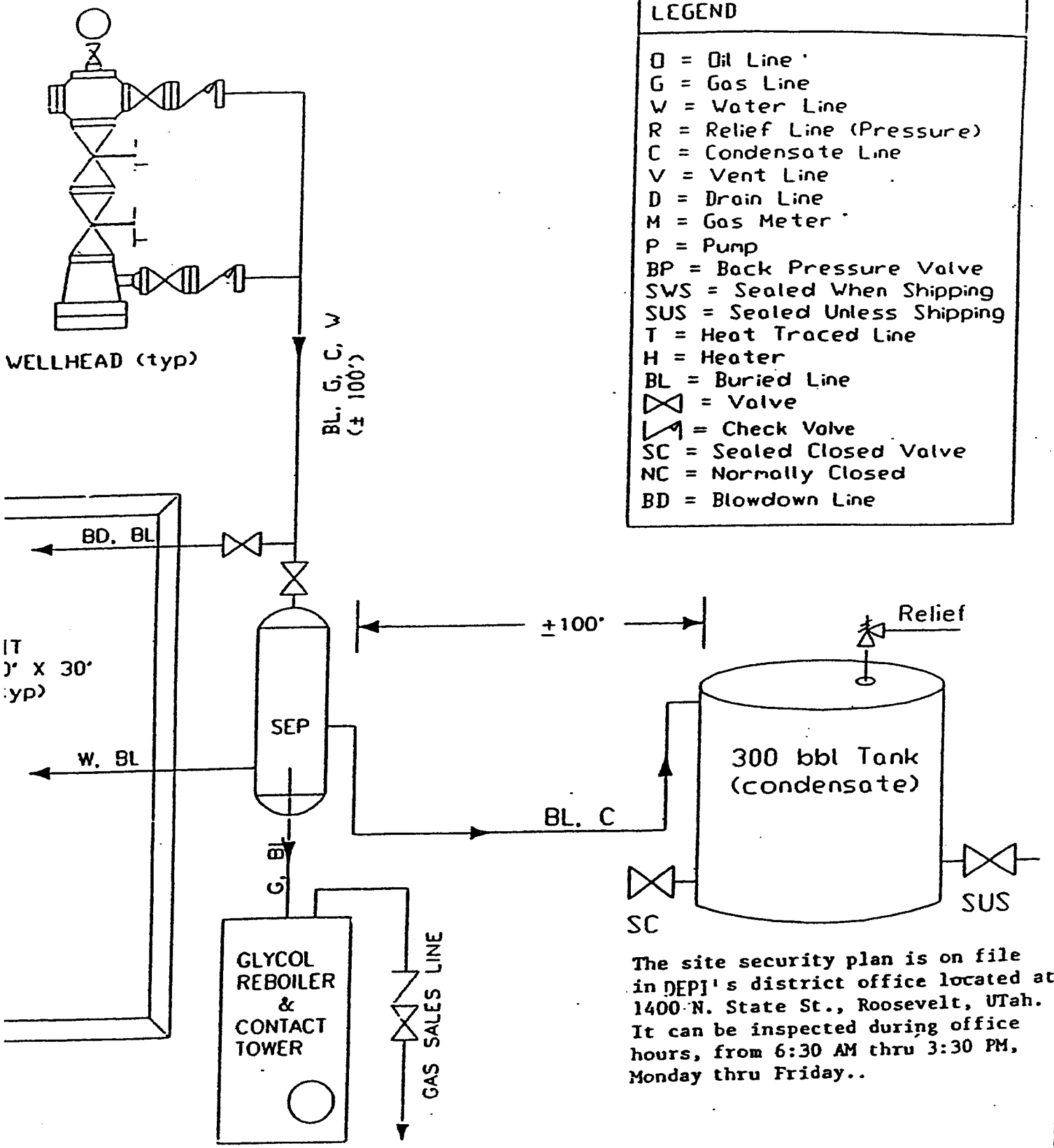
LCU #3-2H & #6-2H
SECTION 2, T11S, R20E, S.L.B.&M.
SE 1/4 NW 1/4

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP | 03 MONTH | 27 DAY | 06 YEAR

SCALE: 1" = 1000' | DRAWN BY: B.C. | REVISED: 00-00-00

D TOPO


LEGEND
O = Oil Line
G = Gas Line
W = Water Line
R = Relief Line (Pressure)
C = Condensate Line
V = Vent Line
D = Drain Line
M = Gas Meter
P = Pump
BP = Back Pressure Valve
SWS = Sealed When Shipping
SUS = Sealed Unless Shipping
T = Heat Traced Line
H = Heater
BL = Buried Line
= Valve
= Check Valve
SC = Sealed Closed Valve
NC = Normally Closed
BD = Blowdown Line
WELLHEAD (typ)
BL, G, C, W
(± 100')
BD. BL
W. BL
SEP
±100'
Relief
300 bbl Tank
(condensate)
BL. C
G, BL
GLYCOL
REBOILER
&
CONTACT
TOWER
GAS SALES LINE
SC
SUS
The site security plan is on file in DEPJ's district office located at 1400 N. State St., Roosevelt, UTah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

BOP Equipment

3000psi WP

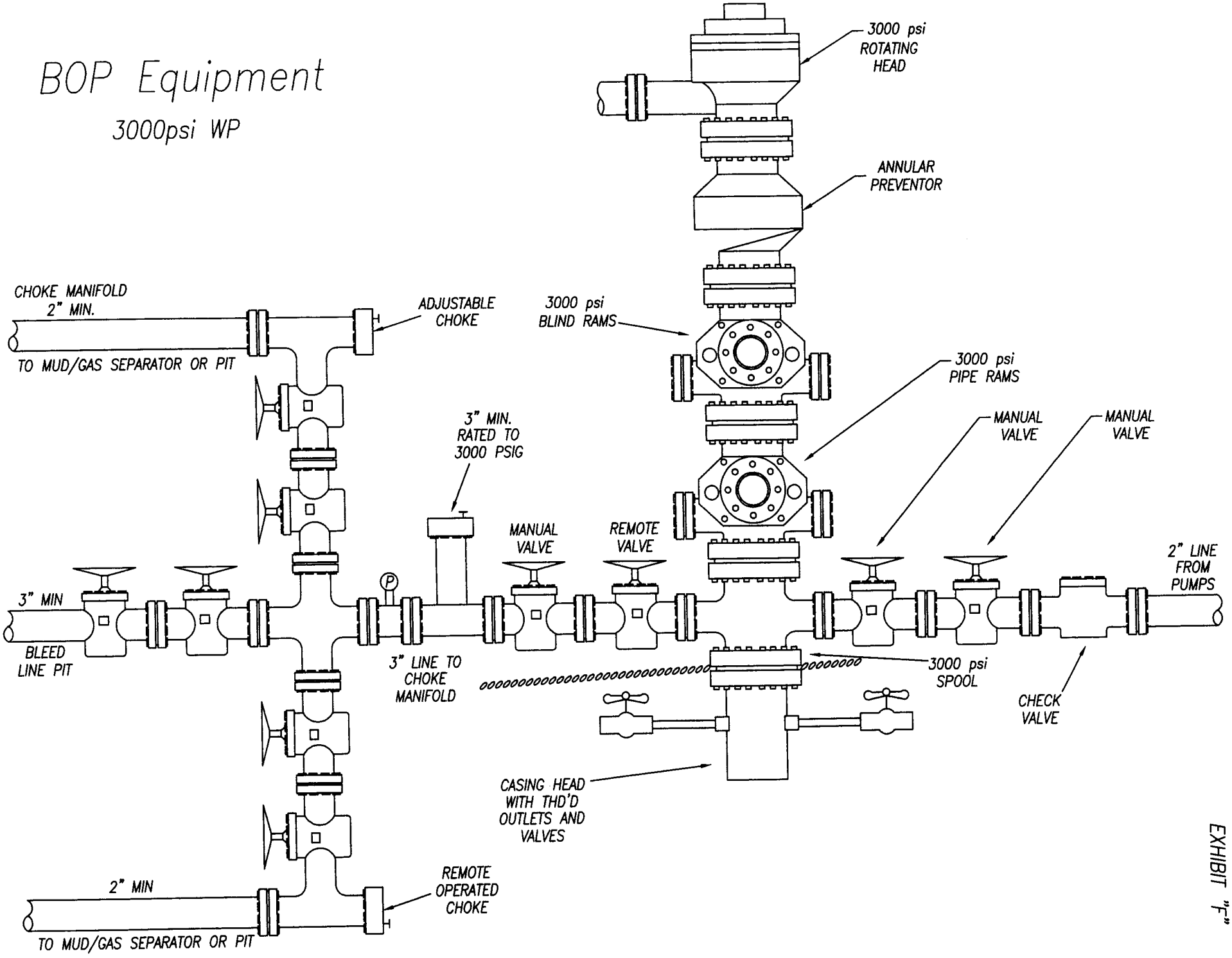


EXHIBIT "F"

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/08/2006

API NO. ASSIGNED: 43-047-38255

WELL NAME: LCU 6-2H

OPERATOR: DOMINION EXPL & PROD (N1095)

PHONE NUMBER: 435-650-1886

CONTACT: DON HAMILTON

PROPOSED LOCATION:

SENW 02 110S 200E

SURFACE: 1364 FNL 1929 FWL

BOTTOM: 1950 FNL 2100 FWL

COUNTY: UINTAH

LATITUDE: 39.89290 LONGITUDE: -109.6483

UTM SURF EASTINGS: 615568 NORTHINGS: 4416535

FIELD NAME: HILL CREEK (617)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	7/24/06
Geology		
Surface		

LEASE TYPE: 3 - State

LEASE NUMBER: ML-48771

SURFACE OWNER: 3 - State

PROPOSED FORMATION: MVRD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 76S63050600)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-10447)

N RDCC Review (Y/N)
(Date:)

N/A Fee Surf Agreement (Y/N)

N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: LITTLE CANYON

___ R649-2-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

___ Drilling Unit

Board Cause No:

Eff Date:

Siting:

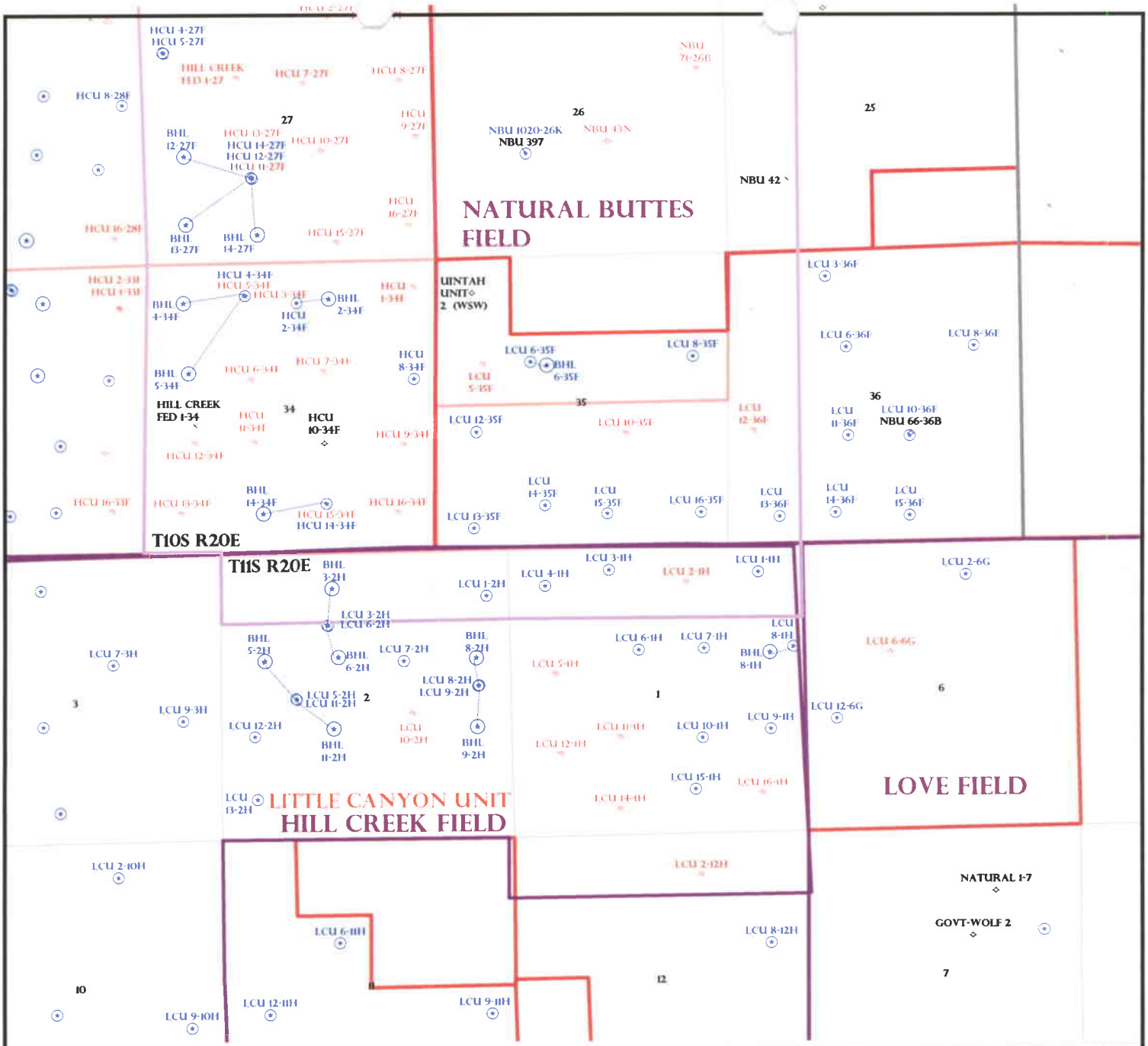
✓ R649-3-11. Directional Drill

COMMENTS: Needs Presite (06-27-06)

STIPULATIONS: 1- Spacing Stip

2- STATEMENT OF BASIS

3- Surface Csg Cmt Stip



OPERATOR: DOMINION EXPL & PROD (N1095)

SEC: 2 T. 11S R. 20E

FIELD: HILL CREEK (617)

COUNTY: UINTAH

SPACING: R649-3-11 / DIRECTIONAL DRILLING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

N W E S

PREPARED BY: DIANA WHITNEY

DATE: 16-JUNE-2006

DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS

OPERATOR: DOMINION EXPLORATION & PRODUCTION, INC.
WELL NAME & NUMBER: LCH 6-2H
API NUMBER: 43-047-38255
LOCATION: **1/4,1/4** SE/NW **Sec:**2 **TWP:**11S **RNG:** 20E 1929' **FWL** 1364' **FNL**
BOTTOM HOLE: **1/4,1/4** SE/NW **Sec:**2 **TWP:** 11S **RNG:** 20E 1950'**FNL** 2100' **FWL**

Geology/Ground Water:

Dominion proposes to set 500 feet of surface casing and 3,100 feet of intermediate casing, both cemented to the surface. The base of the moderately saline water is estimated at 4,400 feet. A search of Division of Water Rights records shows 2 water wells within a 10,000 foot radius of the proposed location. One well is 2,500 feet deep and the other has no depth listed. Both wells are over a mile from the proposed location. The wells are owned by the BLM. Use is listed as stock/wildlife watering. The surface formation at this location is he Uinta Formation. The Uinta Formation is made up of discontinuous sands interbedded with shales and are not expected to produce prolific aquifers. The proposed surface casing should adequately protect any near surface aquifers. The production string cement should be brought up above the base of the moderately saline water to prevent it from mixing with fresher waters up hole.

Reviewer: Brad Hill **Date:** 07-06-2006

Surface:

The pre-drill investigation of the surface was performed on 06/27/2006. This site is on State surface with State minerals. Ed Bonner and Jim Davis of SITLA and Ben Williams, Utah Division of Wildlife Resources, were invited to the pre-site. Mr. Davis and Mr. Williams attended. The site is approximately 14 miles southwest of Ouray, Utah and in an field area known as Little Canyon. Sub-drainages are into Willow Creek approximately ¾ miles to the west. Willow Creek contains a perennial stream and drains northerly approximately 10 miles into the Green River. All sub-drainages in the area are dry or ephemeral. The area consists of several large open flats with somewhat frequent, steep side-draws. The Uintah and Ouray Indian Reservation is to the west. This is a directional well planned on the same pad as the LCU 3-2H, which is also a directional well. The location is planned near west end of a ridge, which runs in a east-west direction toward Willow Creek. The ridge slopes abruptly to the north and south. Cut will occur from the south side of the location and be deposited as fill on the north side. Approximately 0.2 miles of road will be constructed to the location leading from the road to the planned LCU 5 & 11-2H wells. The ridge has poor native desert shrub-grass vegetation. Surface run-off is light. Mr. Williams, of the UDWR stated the area is classified as yearlong critical habitat for antelope but water not forage is the factor limiting the growth of the herd. It is also classified as limited value yearlong habitat for deer and elk. He did not recommend any restrictions for any of these species. He gave Mr. Davis and Mr. Hamilton (Consultant for Dominion) a copy of his write-up and a recommended seed mix for re-vegetating the site.

Reviewer: Floyd Bartlett **Date:** 06/29/2006

Conditions of Approval/Application for Permit to Drill:

1. . A synthetic liner with a minimum thickness of 12 mils and a felt sub-liner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: DOMINION EXPLORATION & PRODUCTION, INC.
WELL NAME & NUMBER: LCH 6-2H
API NUMBER: 43-047-38254
LEASE: State ML-048771 **FIELD/UNIT:** Natural Buttes
LOCATION: 1/4,1/4 SE/NW **Sec:**2 **TWP:**11S **RNG:** 20E 1929' **FWL** 1364' **FNL**
BOTTOM HOLE: 1/4,1/4 SE/NW **Sec:**2 **TWP:** 11S **RNG:** 20E 1950'**FNL** 2100' **FWL**
GPS COORD (UTM): 615561 X; 4416537 Y **SURFACE OWNER:** S.I.T.L.A.
LEGAL WELL SITING: 460 F **SEC. LINE;** 460 F **1/4,1/4 LINE;** 920 F **ANOTHER WELL.**

PARTICIPANTS

Floyd Bartlett (DOGM), (Don Hamilton, Buys and Associates-Consultant), Ken Secrist and Karla Christian (Dominion), Jim Davis (SITLA), Ben Williams (UDWR), Brandon Bowthorpe (U.E.L.S.), Bill McClure and Randy Jackson, (Dirt Contractors).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The general area is located approximately 14 miles southwest of Ouray, Utah and is known as Little Canyon area. Drainages are into Willow Creek approximately ½ miles to the west. Willow Creek drains northerly approximately 10 miles into the Green River. All sub-drainages in the area are dry or ephemeral. The area consists of several large open flats with somewhat frequent, steep side-draws. The Uintah and Ouray Indian Reservation is to the west.

This is a directional well planned on the same pad as the LCU 3-2H, which is also a directional well. The location is planned near west end of a ridge, which runs in a east-west direction toward Willow Creek. The ridge slopes abruptly to the north and south. Cut will occur from the south side of the location and be deposited as fill on the north side. Approximately 0.2 miles of road will be constructed to the location leading from the road to the planned LCU 5 & 11-2H wells. The ridge has poor native desert shrub-grass vegetation. Surface run-off is light.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife and Livestock Grazing, Hunting.

PROPOSED SURFACE DISTURBANCE: A location 365' by 190' with the reserve pit and stockpiles of spoils outside this area.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: Several exist and others are planned. See TOPO C.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling wells. A pipeline 1,157 feet long, will follow the access road to a tie-in point with the pipeline planned for the LCU 5&11-2H wells

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): Unlikely. Area is isolated. Most activity in general area is oilfield related.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Sewage facilities, storage and disposal will be handled by commercial contractor. Trash will be contained in trash baskets and hauled to an approved land fill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Poorly vegetated with shadscale, globe mallow, halogeton, broom snake-weed, horsebrush, cheatgrass and curly mesquite. Pronghorn, coyotes, songbirds, raptors, rodents, rabbits, deer, elk, wild horses.

SOIL TYPE AND CHARACTERISTICS: Moderately deep, light brown gravely loam.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. No stability problems are anticipated with the location.

PALEONTOLOGICAL POTENTIAL: Survey was completed on 4-26-2006 and will be submitted.

RESERVE PIT

CHARACTERISTICS: 65' by 220' and eight feet deep. The pit is longer than normal to serve the two wells currently planned from the location. It is located within a cut on the south east side of the location.

LINER REQUIREMENTS (Site Ranking Form attached): With the location situated above the canyon breaks which run into the Willow Creek drainage, a pit liner is required. A 16 mil liner with a felt sub-liner is proposed by the operator. Sensitivity level II.

SURFACE RESTORATION/RECLAMATION PLAN

As per surface use agreement.

SURFACE AGREEMENT: SITLA lease.

CULTURAL RESOURCES/ARCHAEOLOGY: An archeologist has inspected the site. A copy of this report will be submitted to the State of Utah.

OTHER OBSERVATIONS/COMMENTS

Ben Williams representing the UDWR stated the area is classified as yearlong critical habitat for antelope but water not forage is the factor limiting the growth of the herd. It is also classified as limited value yearlong habitat for deer and elk. He did not recommend any restrictions for any of these species. He furnished Jim Davis of SITLA and Don Hamilton, Dominion Permit Agent copies of his evaluation and a recommended Seed mix to be used when the site is re-vegetated.

ATV's were used to reach the location.

The investigation was conduced on a sunny, very hot day.

ATTACHMENTS

Photos of this site were taken and placed on file.

Floyd Bartlett	06/27/2006 3:30 PM
DOGM REPRESENTATIVE	DATE/TIME

E uation Ranking Criteria and Ranking s .e
For Reserve and Onsite Pit Liner Requirements

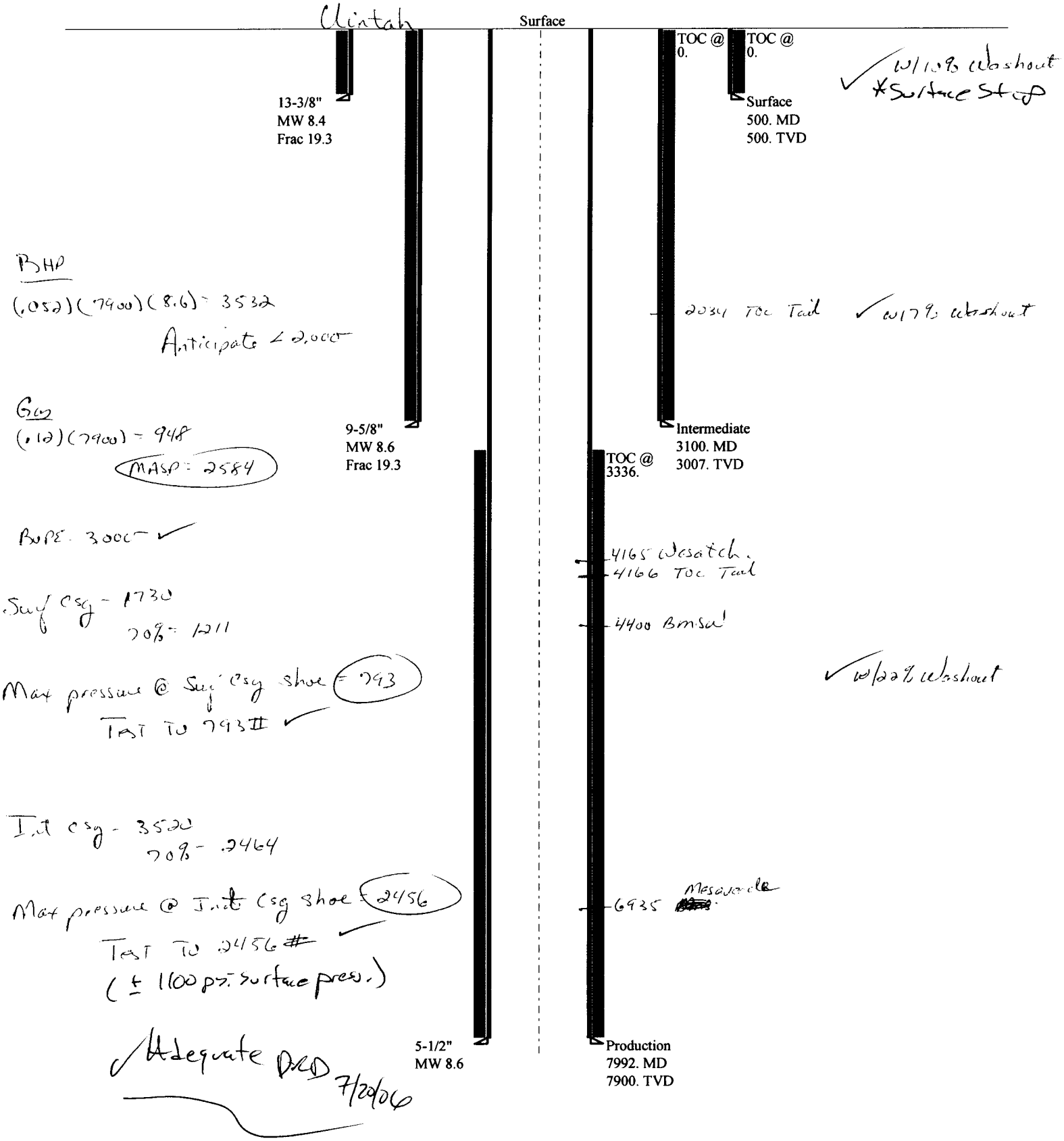
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	0
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	10
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid containing significant levels of hazardous constituents	15 20	5
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	0

Final Score 15 (Level II)

Sensitivity Level I = 20 or more; total containment is required.
Sensitivity Level II = 15-19; lining is discretionary.
Sensitivity Level III = below 15; no specific lining is required.

07-06 Dominion LCU 6-2H

Casing Schematic



Well name:	**07-06 Dominion LCU 6-2H**
Operator:	**Dominion Exploration and Production**
String type:	Surface
Project ID:	43-047-38255
Location:	Uintah County

Design parameters:

Collapse

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 440 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 500 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 438 ft

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 82 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 250 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 3,008 ft

Next mud weight: 8.600 ppg

Next setting BHP: 1,344 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 500 ft

Injection pressure 500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	500	13.375	48.00	H-40	ST&C	500	500	12.59	46.9

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	218	740	3.393	500	1730	3.46	21	322	15.30 J

Prepared by: Clinton Dworshak, Utah Div. of Oil & Mining

Phone: 801-538-5280

FAX: 801-359-3940

Date: July 11,2006

Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 500 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**07-06 Dominion LCU 6-2H**
Operator:	**Dominion Exploration and Production**
String type:	Intermediate
Project ID:	43-047-38255
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,581 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,942 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 2,716 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 117 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: Surface

Directional well information:
Kick-off point 0 ft
Departure at shoe: 608 ft
Maximum dogleg: 3 °/100ft
Inclination at shoe: 0 °

Re subsequent strings:
Next setting depth: 7,900 ft
Next mud weight: 8.600 ppg
Next setting BHP: 3,529 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,008 ft
Injection pressure 3,008 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	3100	9.625	36.00	J-55	LT&C	3007	3100	8.796	220.7

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1344	2020	1.503	2942	3520	1.20	94	453	4.79 J

Prepared by: Clinton Dworshak, Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940
Date: July 11,2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 3007 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**07-06 Dominion LCU 6-2H**
Operator:	**Dominion Exploration and Production**
String type:	Production
Project ID:	43-047-38255
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,581 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 3,529 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 6,962 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 186 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 3,336 ft

Directional well information:
Kick-off point 0 ft
Departure at shoe: 608 ft
Maximum dogleg: 3 °/100ft
Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7992	5.5	17.00	Mav-80	LT&C	7900	7992	4.767	275.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3529	6290	1.782	3529	7740	2.19	117	273	2.34 B

Prepared by: Clinton Dworshak, Utah Div. of Oil & Mining
Phone: 801-538-5280
FAX: 801-359-3940
Date: July 11,2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 7900 ft, a mud weight of 8.6 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.
Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: ML-48771	6. SURFACE: State
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐	8. UNIT or CA AGREEMENT NAME: Little Canyon
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.	9. WELL NAME and NUMBER: LCU 6-2H
3. ADDRESS OF OPERATOR: 14000 Quail Sp Pkwy CITY Oklahoma City STATE OK ZIP 73134 — PHONE NUMBER: (405) 749-5263	10. FIELD AND POOL, OR WILDCAT: ~~Natural Buttes~~ Hill Creek
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1,364' FNL & 1,929' FWL, SE/4 NW/4 AT PROPOSED PRODUCING ZONE: 1,950' FNL & 2,100' FWL, SE/4 NW/4	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 2 11 20 S
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 13.59 miles south of Ouray, Utah	12. COUNTY: Uintah — 13. STATE: UTAH

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
1,364'	638.50	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
2,200'	7,900	SITLA Blanket 76S 63050 361
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
5,398'	9/1/2006	14 days

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
17-1/2"	13-3/8"	H-40 ST	48#	500	see Drilling Plan
12-1/4"	9-5/8"	J-55 LT	36#	3,100	see Drilling Plan
7-7/8"	5-1/2"	Mav 80 L	17#	7,900	see Drilling Plan
					(7,992' MD)

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

ORIGINAL

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
☐ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
☑ COMPLETE DRILLING PLAN
☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Don Hamilton — TITLE Agent for Dominion Exploration & Production, Inc.

SIGNATURE Don Hamilton — DATE 6/5/2006

(This space for State use only)

RECEIVED
JUN 08 2006
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

API NUMBER ASSIGNED: 43-047-38255

Approved by the
Utah Division of
Oil, Gas and Mining
(See Instructions on Reverse Side)
Date: 09-20-06
By:

Surf 615968X 4416535Y 39.892903 -109.648269

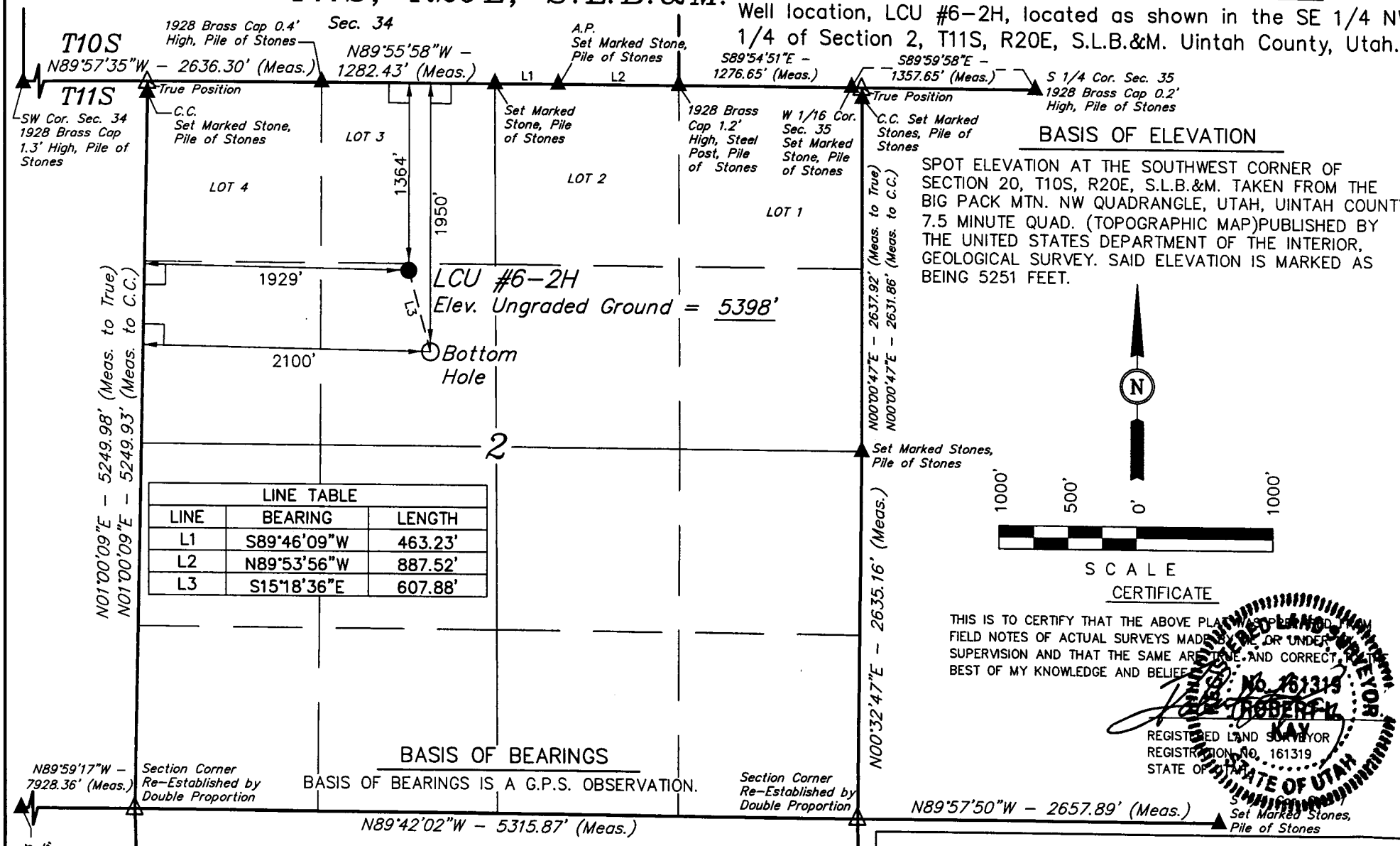
BHL 615623X 4416337Y 39.891284 -109.647665

(11/2001)

T11S, R20E, S.L.B.&M.

DOMINION EXPLR. & PROD., INC.

Well location, LCU #6-2H, located as shown in the SE 1/4 NW 1/4 of Section 2, T11S, R20E, S.L.B.&M. Uintah County, Utah.



LINE TABLE		
LINE	BEARING	LENGTH
L1	S89°46'09"W	463.23'
L2	N89°53'56"W	887.52'
L3	S15°18'36"E	607.88'

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 20, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP)PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.

SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH ROBERT L. KAY

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. BY DOUBLE PROPORTION METHOD. (NOT SET)

(NAD 83)
LATITUDE = 39°53'34.38" (39.892883)
LONGITUDE = 109°38'56.56" (109.649044)
(NAD 27)
LATITUDE = 39°53'34.51" (39.892919)
LONGITUDE = 109°38'54.07" (109.648353)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-20-06	DATE DRAWN: 3-22-06
PARTY B.B. B.C. P.M.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE DOMINION EXPLR. & PROD., INC	

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 16, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2006 Plan of Development Little Canyon Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Little Canyon Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MesaVerde)		
43-047-38272	LCU 3-2H	Sec 02 T11S R20E 1357 FNL 1905 FWL BHL Sec 02 T11S R20E 0700 FNL 2000 FWL
43-047-38255	LCU 6-2H	Sec 02 T11S R20E 1364 FNL 1929 FWL BHL Sec 02 T11S R20E 1950 FNL 2100 FWL
43-047-38256	LCU 8-2H	Sec 02 T11S R20E 2498 FNL 0602 FEL BHL Sec 02 T11S R20E 2000 FNL 0650 FEL
43-047-38259	LCU 9-2H	Sec 02 T11S R20E 2508 FNL 0625 FEL BHL Sec 02 T11S R20E 2000 FSL 0650 FEL
43-047-38258	LCU 7-2H	Sec 02 T11S R20E 2031 FNL 1960 FEL
43-047-38257	LCU 12-2H	Sec 02 T11S R20E 1859 FSL 0562 FWL
43-047-38260	LCU 15-36F	Sec 36 T10S R20E 0468 FSL 2034 FEL

This office has no objections to permitting the wells at this time.

/s/ Michael L. Coulthard

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48771
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: Little Canyon Unit
8. WELL NAME and NUMBER: LCU 6-2H
9. API NUMBER: 43-047-38255
10. FIELD AND POOL, OR WILDCAT: Natural Buttes

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.
3. ADDRESS OF OPERATOR: 14000 Quail Springs Pkwy, STE 600 CITY Oklahoma City STATE OK ZIP 73134 PHONE NUMBER: (405) 749-5237
4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1364' FNL & 1929' FWL COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 11S 20E STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: APD Extension
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The State APD for this well expires July 20, 2007. Dominion respectfully requests a one year extension.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 06-28-07
By:

Date 6-29-07
RM

NAME (PLEASE PRINT) Barbara Lester TITLE Regulatory Specialist
SIGNATURE Barbara Lester DATE 6/21/2007

(This space for State use only)

RECEIVED
JUN 26 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-38255
Well Name: LCU 6-2H
Location: 1364' FNL & 1929' FWL, Sec. 2-11S-20E
Company Permit Issued to: Dominion Exploration & Production, Inc.
Date Original Permit Issued: 7/20/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐No☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐No☑

Has the approved source of water for drilling changed? Yes☐No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐No☑

Is bonding still in place, which covers this proposed well? Yes☑No☐

Signature

6/21/2007
Date

Title: Regulatory Specialist

Representing: Dominion Exploration & Production, Inc.

RECEIVED
JUN 2 6 2007
DIV. OF OIL, GAS & MINING

From: Ed Bonner
To: Whitney, Diana
Date: 7/11/2006 10:04:31 AM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Enduring Resources, LLC
- Buck Camp 12-22-12-2
- Rock House 10-23-24-32
- Rock House 10-23-11-32

Dominion E&P, Inc
- LCU 3-2H
- LCU 6-2H
- LCU 8-2H
- LCU 7-2H
- LCU 9-2H

The Houston Exploration Company
- East Coyote 3-2-8-25
- East Coyote 4-2-8-25
- East Coyote 6-2-8-25
- East Coyote 8-2-8-25
- East Coyote 10-2-8-25
- East Coyote 12-2-8-25
- East Coyote 14-2-8-25
- East Coyote 16-2-8-25

Kerr McGee Oil & Gas Onshore LP (Westport)
- State 1021-36M
- State 1021-36L
- NBU 1022-18F
- Bitter Creek 1122-2B
- Bitter Creek 1122-2H
- NBU 1021-2C

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

July 20, 2006

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

Re: Little Canyon Unit 6-2H Well, 1364' FNL, 1929' FWL, SE NW, Sec. 2, T. 11 South, R. 20 East, Bottom Location 1950' FNL, 2100' FWL, SE NW, Sec. 2, T. 11 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38255.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA
Bureau of Land Management, Vernal District Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

Operator:	Dominion Exploration & Production, Inc.
Well Name & Number	Little Canyon Unit 6-2H
API Number:	43-047-38255
Lease:	ML-48771

Location:	SE NW	**Sec.** 2	**T.** 11 South	**R.** 20 East
Bottom Location:	SE NW	**Sec.** 2	**T.** 11 South	**R.** 20 East

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

   - 24 hours prior to cementing or testing casing
   - 24 hours prior to testing blowout prevention equipment
   - 24 hours prior to spudding the well
   - within 24 hours of any emergency changes made to the approved drilling program
   - prior to commencing operations to plug and abandon the well

   The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at (801) 538-5338
   - Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

7. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

8. Surface casing shall be cemented to the surface.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **7/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N1095-Dominion Exploration & Production, Inc	N2615-XTO Energy Inc
14000 Quail Springs Parkway, Suite 600	810 Houston St
Oklahoma City, OK 73134	Fort Worth, TX 76102
Phone: 1 (405) 749-1300	Phone: 1 (817) 870-2800

CA No. **Unit:** **LITTLE CANYON**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 8/6/2007
4a. Is the new operator registered in the State of Utah: _____ Business Number: 5655506-0143
4b. If **NO**, the operator was contacted contacted on:
5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
5b. Inspections of LA PA state/fee well sites complete on: n/a
5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: _____
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: _____
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 9/27/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 9/27/2007
3. Bond information entered in RBDMS on: 9/27/2007
4. Fee/State wells attached to bond in RBDMS on: 9/27/2007
5. Injection Projects to new operator in RBDMS on: 9/27/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000138
2. Indian well(s) covered by Bond Number: n/a
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
3b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008
   The Division sent response by letter on:

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: SEE ATTACHED

2. NAME OF OPERATOR: XTO Energy Inc. N2615

9. API NUMBER: SEE ATTACHED

3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102

PHONE NUMBER: (817) 870-2800

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

4. LOCATION OF WELL

FOOTAGES AT SURFACE: SEE ATTACHED

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER: _____
_____	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134
N1095

James D Abercrombie (405) 749-1300
James D. Abercrombie
Sr. Vice President, General Manager - Western Business Unit

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) Edwin S. Ryan, Jr. TITLE Sr. Vice President - Land Administration

SIGNATURE Edwin S Ryan, Jr DATE 7/31/2007

(This space for State use only)

APPROVED 9/27/07
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
AUG 06 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	SEE ATTACHED LIST
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	DOMINION E&P
Date original permit was issued:	
Company that permit was issued to:	DOMINION E&P

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
✓	**Transfer approved Application for Permit to Drill to new operator**
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. 104312762	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) HOLLY C. PERKINS Title REGULATORY COMPLIANCE TECH

Signature Holly C. Perkins Date 08/27/2007

Representing (company name) XTO ENERGY INC.

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

AUG 3 0 2007

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304736892	LCU 5-9H	SWNW	09	110S	200E	UTU-34350		Federal	GW	APD
4304736893	LCU 5-17H	SWNW	17	110S	200E	UTU-76265		Federal	GW	APD
4304736896	LCU 11-9H	NESW	09	110S	200E	UTU-76265		Federal	GW	APD
4304737059	LCU 2-17H	NWNE	17	110S	200E	UTU-76265		Federal	GW	APD
4304737285	LCU 11-17H	NESW	17	110S	200E	UTU-76265		Federal	OW	APD
4304737286	LCU 7-17H	SWNE	17	110S	200E	UTU-76265		Federal	OW	APD
4304737448	LCU 9-8H	NESE	08	110S	200E	UTU-76265		Federal	OW	APD
4304737653	LCU 14-9H	SESW	09	110S	200E	UTU-76265		Federal	GW	APD
4304737997	LCU 9-10H	NESE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738069	LCU 8-35F	SENE	35	100S	200E	U-01470D		Federal	GW	APD
4304738070	LCU 12-35F	NWSW	35	100S	200E	U-01470D		Federal	GW	APD
4304738071	LCU 15-35F	SWSE	35	100S	200E	U-01470D		Federal	GW	APD
4304738072	LCU 16-35F	SESE	35	100S	200E	U-01470D		Federal	GW	APD
4304738073	LCU 1-1H	NENE	01	110S	200E	UTU-76264		Federal	GW	APD
4304738074	LCU 9-9H	NWSE	09	110S	200E	UTU-76265		Federal	GW	APD
4304738093	LCU 9-1H	NESE	01	110S	200E	UTU-73436		Federal	GW	APD
4304738094	LCU 6-1H	SENW	01	110S	200E	UTU-76264		Federal	GW	APD
4304738095	LCU 4-1H	NWNW	01	110S	200E	UTU-76264		Federal	GW	APD
4304738096	LCU 3-1H	NENW	01	110S	200E	UTU-76264		Federal	GW	APD
4304738097	LCU 15-1H	SWSE	01	110S	200E	UTU-73436		Federal	GW	APD
4304738098	LCU 10-1H	NWSE	01	110S	200E	UTU-73436		Federal	GW	APD
4304738183	LCU 6-35F	SENW	35	100S	200E	U-01470C		Federal	GW	APD
4304738184	LCU 8-9H	NWSE	09	110S	200E	UTU-34350		Federal	GW	APD
4304738185	LCU 8-1H	SENE	01	110S	200E	UTU-76264		Federal	GW	APD
4304738296	LCU 3-17H	NENW	17	110S	200E	UTU-76265		Federal	GW	APD
4304738297	LCU 12-17H	NWSW	17	110S	200E	UTU-76265		Federal	GW	APD
4304738298	LCU 13-17H	SWSW	17	110S	200E	UTU-76265		Federal	GW	APD
4304738379	LCU 2-3H	NWNE	03	110S	200E	UTU-44090-A		Federal	GW	NEW
4304738419	LCU 16-10H	SESE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738420	LCU 5-11H	SWNW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738421	LCU 10-11H	NWSE	11	110S	200E	UTU-73436		Federal	GW	APD
4304738422	LCU 13-11H	SWSW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738423	LCU 15-11H	SWSE	11	110S	200E	UTU-73436		Federal	GW	APD
4304738424	LCU 16-11H	SESE	11	110S	200E	UTU-73436		Federal	GW	APD
4304738503	LCU 4-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738504	LCU 5-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738505	LCU 6-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738676	LCU 12-9H	NWSW	09	110S	200E	UTU-76265		Federal	GW	APD
4304738677	LCU 6-9H	SENW	09	110S	200E	UTU-34350		Federal	GW	APD
4304738678	LCU 4-11H	NWNW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738679	LCU 9-12H	NESE	12	110S	200E	UTU-73436		Federal	GW	APD
4304738682	LCU 14-6G	SESW	06	110S	210E	UTU-81728		Federal	GW	APD
4304738683	LCU 13-6G	SWSW	06	110S	210E	UTU-81728		Federal	GW	APD
4304738684	LCU 10-6G	NWSE	06	110S	210E	UTU-81728		Federal	GW	APD
4304738685	LCU 5-6G	SWNW	06	110S	210E	UTU-75700		Federal	GW	APD
4304738686	LCU 4-6G	NWNW	06	110S	210E	UTU-75700		Federal	GW	APD
4304738687	LCU 7-6G	SWNE	06	110S	210E	UTU-075700		Federal	GW	APD
4304738688	LCU 3-6G	NENW	06	110S	210E	UTU-075700		Federal	GW	APD

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304738784	LCU 11-35F	NESW	35	100S	200E	UTU-82703		Federal	GW	APD
4304738788	LCU 6-10H	SENW	10	110S	200E	UTU-44089		Federal	GW	APD
4304738789	LCU 13-10H	SWSW	10	110S	200E	UTU-44089		Federal	GW	APD
4304738790	LCU 11-11H	SESW	11	110S	200E	UTU-73436		Federal	GW	APD
4304738791	LCU 3-12H	NENW	12	110S	200E	UTU-73436		Federal	GW	APD
4304738892	LCU 7-10H	SWNE	10	110S	200E	UTU-44089		Federal	GW	APD
4304738893	LCU 1-12H	NENE	12	110S	200E	UTU-73436		Federal	GW	APD
4304738946	LCU 13-1H	NWSW	01	110S	200E	UTU-73436		Federal	GW	APD
4304738947	LCU 16-12H	SESE	12	110S	200E	UTU-73436		Federal	GW	APD
4304739050	LCU 15-4H	SWSE	04	110S	200E	UTU-81430		Federal	GW	APD
4304739158	LCU 15-3H	SWSE	03	110S	200E	UTU-34350		Federal	GW	APD
4304739159	LCU 5-3H	NENE	04	110S	200E	UTU-44090-A		Federal	GW	APD
4304739160	LCU 4-3H	NENE	04	110S	200E	UTU-44090-A		Federal	GW	APD
4304739161	LCU 8-8H	SENE	08	110S	200E	UTU-81430		Federal	GW	APD
4304739220	LCU 9-35F	NESE	35	100S	200E	UTU-82703		Federal	GW	APD
4304739221	LCU 7-35F	SWNE	35	100S	200E	UTU-82703		Federal	GW	APD
4304739224	LCU 14-10H	SESW	10	110S	200E	UTU-44089		Federal	GW	APD
4304739225	LCU 3-10H	NENW	10	110S	200E	UTU-44089		Federal	GW	APD
4304736773	LCU 6-16H	SENW	16	110S	200E	ML-48772		State	GW	APD
4304736808	LCU 13-12H	SWSW	12	110S	200E	FEE		Fee	GW	APD
4304736809	LCU 12-16H	NWSW	16	110S	200E	ML-48772		State	GW	APD
4304738027	LCU 1-2H	NENE	02	110S	200E	ML-48771		State	GW	APD
4304738255	LCU 6-2H	SENW	02	110S	200E	ML-48771		State	GW	APD
4304738272	LCU 3-2H	SENW	02	110S	200E	ML-48771		State	GW	APD
4304738343	LCU 14-2H	SESW	02	110S	200E	ML-48771		State	GW	APD
4304738675	LCU 16-2H	NWSW	01	110S	200E	ML-48771		State	GW	APD
4304738680	LCU 10-16H	NWSE	16	110S	200E	ML-48772		State	GW	APD
4304738681	LCU 14-16H	SESW	16	110S	200E	ML-48772		State	GW	APD
4304738785	LCU 5-36F	SWNW	36	100S	200E	ML-47391		State	GW	APD
4304739173	LCU 13-16H	SWSW	16	110S	200E	ML-48772		State	GW	APD
4304739174	LCU 11-16H	NESW	16	110S	200E	ML-48772		State	GW	APD
4304739223	LCU 4-16H	NWNW	16	110S	200E	ML-48772		State	GW	APD

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
3180
UT-922

Dominion Exploration & Production, Inc.
Attn: James D. Abercrombie
14000 Quail Springs Parkway, #600
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Little Canyon Unit
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Little Canyon Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Little Canyon Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48771	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
7. UNIT or CA AGREEMENT NAME: Little Canyon Unit	
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER	8. WELL NAME and NUMBER: LCU 6-2H
2. NAME OF OPERATOR: XTO Energy, Inc.	9. API NUMBER: 4304738255
3. ADDRESS OF OPERATOR: P.O. Box 1360 CITY Roosevelt STATE UT ZIP 84066 PHONE NUMBER: (435) 722-4521	10. FIELD AND POOL, OR WILDCAT: Undesignated
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1,364' FNL & 1,929' FWL	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 11S 20E S	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Permit Extension
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy, Inc. hereby requests a one year extension of the state permit for the referenced well.

This is the second extension that has been requested.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 05-14-08

By:

COPY SENT TO OPERATOR

Date: 5-20-2008

Initials: KS

NAME (PLEASE PRINT) Kendell Johnson TITLE Agent for XTO Energy, Inc.

SIGNATURE Kendell Johnson DATE 5/9/2008

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 4304738255
Well Name: LCU 6-2H
Location: 1,364' FNL & 1,929' FWL, SE NW, Sec. 2, 11S-20E
Company Permit Issued to: XTO Energy, Inc.
Date Original Permit Issued: 7/20/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐ No☑

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐ No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐ No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐ No☑

Has the approved source of water for drilling changed? Yes☐ No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐ No☑

Is bonding still in place, which covers this proposed well? Yes☑ No☐

Kendell Johnson
Signature

5/9/2008
Date

Title: Kendell Johnson

Representing: XTO Energy, Inc.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-48771

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT or CA AGREEMENT NAME: LITTLE CANYON UNIT

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: LCU 6-2H

2. NAME OF OPERATOR: XTO ENERGY INC.

9. API NUMBER: 4304738255

3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZTEC STATE NM ZIP 87410

PHONE NUMBER: (505) 333-3100

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1364' FNL & 1929' FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW 2 11 20 S

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change Drilling Program
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

XTO Energy Inc., proposes to change the current drilling program per attached documents.

COPY SENT TO OPERATOR
Date: 11.6.2008
Initials: KS

NAME (PLEASE PRINT) JENNIFER M. HEMBRY TITLE FILE CLERK

SIGNATURE Jennifer M. Hembry DATE 10/13/2008

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 11/3/08
BY:

RECEIVED
OCT 21 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

XTO ENERGY INC.

LCU 6-2H

APD Data

October 10, 2008

Location: 1364' FNL & 1929' FWL, Sec. 2, T11S, R20E **County:** Uintah **State:** Utah
Bottomhole Location: 1950' FNL & 2100' FWL, Sec. 2, T11S, R20E

GREATEST PROJECTED TD: 7973' MD/ 7900' TVD OBJECTIVE: Wasatch/Mesaverde
APPROX GR ELEV: 5398' Est KB ELEV: 5412' (14' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 2255'	2255' to 7973'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.80 ppg	8.6-9.2 ppg
VISCOSITY	NC	30-60 sec-qt^{-1}
WATER LOSS	NC	8-15 cc/30 min

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

2. CASING PROGRAM:

Surface Casing: 9.625" casing set at ±2255'MD/2200'TVD in a 12.25" hole filled with 8.8 ppg mud

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-2255'	2255'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	2.57	4.47	4.85

Production Casing: 5.5" casing set at ±7973'MD/7900'TVD in a 7.875" hole filled with 9.20 ppg mud.

Interval	Length	Wt	Gr	Cplg	Coll Rating (psi)	Burst Rating (psi)	Jt Str (M-lbs)	ID (in)	Drift (in)	SF Coll	SF Burst	SF Ten
0'-7973'	7973'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	2.10	2.59	2.57

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

3. WELLHEAD:

A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

4. CEMENT PROGRAM:

A. Surface: 9.625", 36#, J-55 (or equiv.), ST&C casing to be set at ±2255' in 12.25" hole.

LEAD:
±223 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft^3/sk, 22.95 gal wtr/sx.

TAIL:

350 sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

Total estimated slurry volume for the 9.625" surface casing is 1270.1 ft^3. Slurry includes 75% excess of calculated open hole annular volume to 2255'.

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ±7973' in 7.875" hole.

LEAD:
±221 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.10 ft^3/sk, 17.71 gal wtr/sx.

TAIL:
400 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.49 cuft/sx, 9.09 gal/sx.

Total estimated slurry volume for the 5.5" production casing is 1279.6 ft^3. Slurry includes 15% excess of calculated open hole annular volume.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface casing string. The production casing is designed for 1755' top of cement..

5. LOGGING PROGRAM:

A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.

B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (7973') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (7973') to 2255'. Run Gamma Ray to surface.

6. FORMATION TOPS:

Please see attached directional plan.

7. ANTICIPATED OIL, GAS, & WATER ZONES:

No change.

8. BOP EQUIPMENT:

Surface will utilize a 500 psi or greater diverter.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes

occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

a. when initially installed:

b. whenever any seal subject to test pressure is broken

c. following related repairs: and

d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

Annular BOP -- 1500 psi
Ram type BOP -- 3000 psi
Kill line valves -- 3000 psi
Choke line valves and choke manifold valves -- 3000 psi
Chokes -- 3000 psi
Casing, casinghead & weld -- 1500 psi
Upper kelly cock and safety valve -- 3000 psi
Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

a. The size and rating of the BOP stack is shown on the attached diagram.

b. A choke line and a kill line are to be properly installed.

c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.

d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

e. See attached BOP & Choke manifold diagrams.

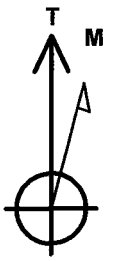
9. COMPANY PERSONNEL:

Name	Title	Office Phone	Home Phone
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Jeff Jackson	Project Geologist	817-885-2800	

Well Name: LCU 6-2H

San Juan Division
Drilling Department

Calculation Method: Minimum Curvature
Geodetic Datum: North American Datum 1983
Lat: 39° 53' 34.440 N
Long: 109° 38' 56.796 W



Azimuths to True North
Magnetic North: 11.45°

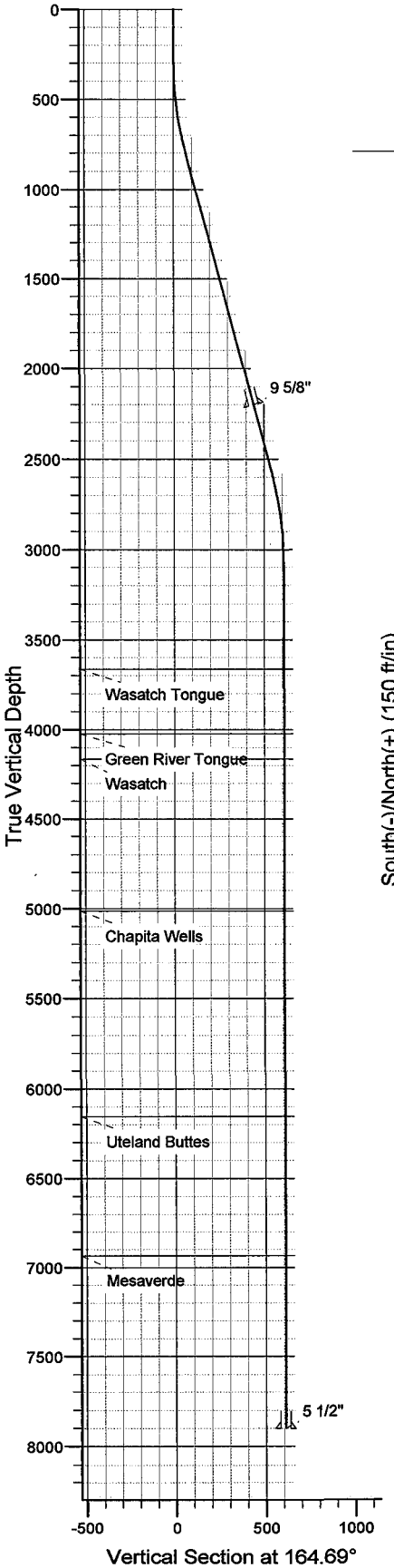
Magnetic Field
Strength: 52538.4nT
Dip Angle: 65.83°
Date: 10/10/2008
Model: IGRF200510

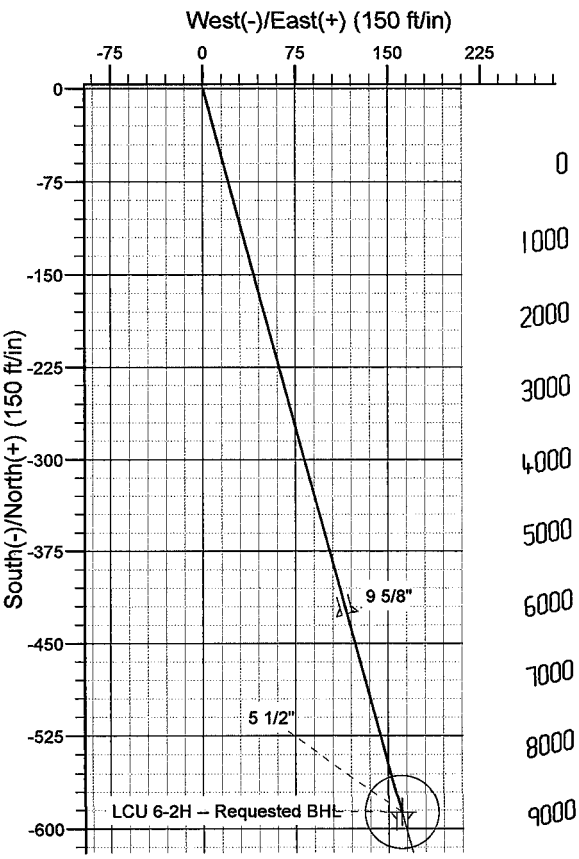
FORMATION TOP DETAILS

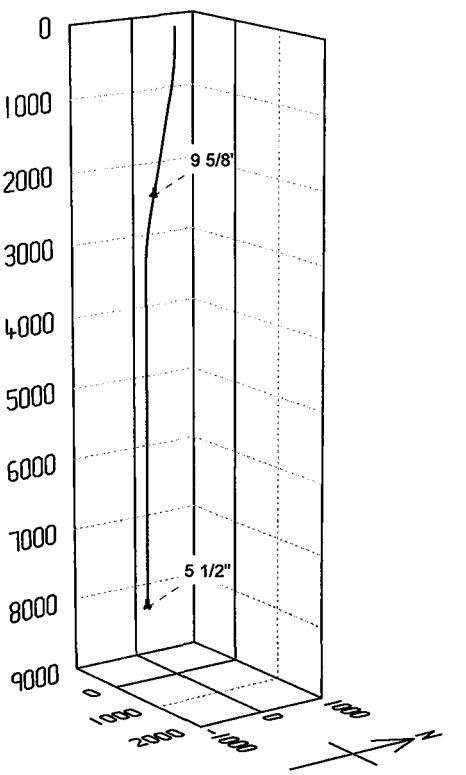
TVDPath	MDPath	Formation
3665.0	3739.3	Wasatch Tongue
4025.0	4099.3	Green River Tongue
4165.0	4239.3	Wasatch
5015.0	5089.3	Chapita Wells
6155.0	6229.3	Uteland Buttes
6935.0	7009.3	Mesaverde

CASING DETAILS

TVD	MD	Name	Size
2200.0	2255.3	9 5/8"	9-5/8
7900.0	7974.3	5 1/2"	5-1/2







SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	
3	800.0	15.00	164.69	794.3	-62.8	17.2	3.00	164.69	65.1	
4	2645.8	15.00	164.69	2577.2	-523.5	143.3	0.00	0.00	542.8	
5	3145.8	0.00	0.00	3071.5	-586.3	160.5	3.00	180.00	607.9	
6	4174.3	0.00	0.00	4100.0	-586.3	160.5	0.00	0.00	607.9	LCU 6-2H -- Requested BHL
7	7974.3	0.00	0.00	7900.0	-586.3	160.5	0.00	0.00	607.9	

XTO Energy

Natural Buttes Wells(NAD83)
LCU 3-2H
LCU 6-2H
LCU 6-2H

Plan: Sundry'd Wellbore

Standard Planning Report

10 October, 2008

XTO Energy, Inc.

Planning Report

Database:	EDM 2003.14 Single User Db	**Local Co-ordinate Reference:**	Well LCU 6-2H
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 5412.0ft (Frontier #6)
Project:	Natural Buttes Wells(NAD83)	**MD Reference:**	Rig KB @ 5412.0ft (Frontier #6)
Site:	LCU 3-2H	**North Reference:**	True
Well:	LCU 6-2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	LCU 6-2H		
Design:	Sundry'd Wellbore		

Project	Natural Buttes Wells(NAD83), Vernal, UT		
Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Utah Northern Zone		

Site	LCU 3-2H, T11S, R20E				
Site Position:		**Northing:**	3,125,893.90 ft	**Latitude:**	39° 53' 34.440 N
From:	Lat/Long	**Easting:**	2,159,859.43 ft	**Longitude:**	109° 38' 56.796 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	1.22 °

Well	LCU 6-2H, S-Well to Wasatch/Mesaverde					
Well Position	**+N/-S**	0.0 ft	**Northing:**	3,125,888.10 ft	**Latitude:**	39° 53' 34.379 N
	+E/-W	0.0 ft	**Easting:**	2,159,878.08 ft	**Longitude:**	109° 38' 56.558 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	5,398.0 ft	**Ground Level:**	5,398.0 ft

Wellbore	LCU 6-2H				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF200510	10/10/2008	11.45	65.83	52,538

Design	Sundry'd Wellbore				
Audit Notes:					
Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0
Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**	
	0.0	0.0	0.0	164.69	

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
800.0	15.00	164.69	794.3	-62.8	17.2	3.00	3.00	0.00	164.69	
2,645.8	15.00	164.69	2,577.2	-523.5	143.3	0.00	0.00	0.00	0.00	
3,145.8	0.00	0.00	3,071.5	-586.3	160.5	3.00	-3.00	0.00	180.00	
4,174.3	0.00	0.00	4,100.0	-586.3	160.5	0.00	0.00	0.00	0.00	LCU 6-2H -- Requeste
7,974.3	0.00	0.00	7,900.0	-586.3	160.5	0.00	0.00	0.00	0.00	

XTO Energy, Inc.

Planning Report

Database:	EDM 2003.14 Single User Db	**Local Co-ordinate Reference:**	Well LCU 6-2H
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 5412.0ft (Frontier #6)
Project:	Natural Buttes Wells(NAD83)	**MD Reference:**	Rig KB @ 5412.0ft (Frontier #6)
Site:	LCU 3-2H	**North Reference:**	True
Well:	LCU 6-2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	LCU 6-2H		
Design:	Sundry'd Wellbore		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	3.00	164.69	400.0	-2.5	0.7	2.6	3.00	3.00	0.00
500.0	6.00	164.69	499.6	-10.1	2.8	10.5	3.00	3.00	0.00
600.0	9.00	164.69	598.8	-22.7	6.2	23.5	3.00	3.00	0.00
700.0	12.00	164.69	697.1	-40.3	11.0	41.7	3.00	3.00	0.00
800.0	15.00	164.69	794.3	-62.8	17.2	65.1	3.00	3.00	0.00
900.0	15.00	164.69	890.9	-87.7	24.0	91.0	0.00	0.00	0.00
1,000.0	15.00	164.69	987.5	-112.7	30.9	116.8	0.00	0.00	0.00
1,100.0	15.00	164.69	1,084.1	-137.7	37.7	142.7	0.00	0.00	0.00
1,200.0	15.00	164.69	1,180.7	-162.6	44.5	168.6	0.00	0.00	0.00
1,300.0	15.00	164.69	1,277.3	-187.6	51.4	194.5	0.00	0.00	0.00
1,400.0	15.00	164.69	1,373.9	-212.5	58.2	220.4	0.00	0.00	0.00
1,500.0	15.00	164.69	1,470.5	-237.5	65.0	246.3	0.00	0.00	0.00
1,600.0	15.00	164.69	1,567.0	-262.5	71.9	272.1	0.00	0.00	0.00
1,700.0	15.00	164.69	1,663.6	-287.4	78.7	298.0	0.00	0.00	0.00
1,800.0	15.00	164.69	1,760.2	-312.4	85.5	323.9	0.00	0.00	0.00
1,900.0	15.00	164.69	1,856.8	-337.4	92.4	349.8	0.00	0.00	0.00
2,000.0	15.00	164.69	1,953.4	-362.3	99.2	375.7	0.00	0.00	0.00
2,100.0	15.00	164.69	2,050.0	-387.3	106.0	401.5	0.00	0.00	0.00
2,200.0	15.00	164.69	2,146.6	-412.3	112.9	427.4	0.00	0.00	0.00
2,255.3	15.00	164.69	2,200.0	-426.1	116.6	441.7	0.00	0.00	0.00
9 5/8"									
2,300.0	15.00	164.69	2,243.2	-437.2	119.7	453.3	0.00	0.00	0.00
2,400.0	15.00	164.69	2,339.8	-462.2	126.5	479.2	0.00	0.00	0.00
2,500.0	15.00	164.69	2,436.4	-487.1	133.4	505.1	0.00	0.00	0.00
2,600.0	15.00	164.69	2,533.0	-512.1	140.2	531.0	0.00	0.00	0.00
2,645.8	15.00	164.69	2,577.2	-523.5	143.3	542.8	0.00	0.00	0.00
2,700.0	13.37	164.69	2,629.8	-536.4	146.8	556.1	3.00	-3.00	0.00
2,800.0	10.37	164.69	2,727.6	-556.2	152.3	576.7	3.00	-3.00	0.00
2,900.0	7.37	164.69	2,826.4	-571.1	156.3	592.1	3.00	-3.00	0.00
3,000.0	4.37	164.69	2,925.9	-580.9	159.0	602.3	3.00	-3.00	0.00
3,100.0	1.37	164.69	3,025.7	-585.8	160.4	607.3	3.00	-3.00	0.00
3,145.8	0.00	0.00	3,071.5	-586.3	160.5	607.9	3.00	-3.00	0.00
3,200.0	0.00	0.00	3,125.7	-586.3	160.5	607.9	0.00	0.00	0.00
3,300.0	0.00	0.00	3,225.7	-586.3	160.5	607.9	0.00	0.00	0.00
3,400.0	0.00	0.00	3,325.7	-586.3	160.5	607.9	0.00	0.00	0.00
3,500.0	0.00	0.00	3,425.7	-586.3	160.5	607.9	0.00	0.00	0.00
3,600.0	0.00	0.00	3,525.7	-586.3	160.5	607.9	0.00	0.00	0.00
3,700.0	0.00	0.00	3,625.7	-586.3	160.5	607.9	0.00	0.00	0.00
3,739.3	0.00	0.00	3,665.0	-586.3	160.5	607.9	0.00	0.00	0.00
Wasatch Tongue									
3,800.0	0.00	0.00	3,725.7	-586.3	160.5	607.9	0.00	0.00	0.00
3,900.0	0.00	0.00	3,825.7	-586.3	160.5	607.9	0.00	0.00	0.00
4,000.0	0.00	0.00	3,925.7	-586.3	160.5	607.9	0.00	0.00	0.00
4,099.3	0.00	0.00	4,025.0	-586.3	160.5	607.9	0.00	0.00	0.00
Green River Tongue									
4,100.0	0.00	0.00	4,025.7	-586.3	160.5	607.9	0.00	0.00	0.00
4,174.3	0.00	0.00	4,100.0	-586.3	160.5	607.9	0.00	0.00	0.00
LCU 6-2H -- Requested BHL									
4,200.0	0.00	0.00	4,125.7	-586.3	160.5	607.9	0.00	0.00	0.00

Database:	EDM 2003.14 Single User Db	**Local Co-ordinate Reference:**	Well LCU 6-2H
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 5412.0ft (Frontier #6)
Project:	Natural Buttes Wells(NAD83)	**MD Reference:**	Rig KB @ 5412.0ft (Frontier #6)
Site:	LCU 3-2H	**North Reference:**	True
Well:	LCU 6-2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	LCU 6-2H		
Design:	Sundry'd Wellbore		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,239.3	0.00	0.00	4,165.0	-586.3	160.5	607.9	0.00	0.00	0.00
Wasatch									
4,300.0	0.00	0.00	4,225.7	-586.3	160.5	607.9	0.00	0.00	0.00
4,400.0	0.00	0.00	4,325.7	-586.3	160.5	607.9	0.00	0.00	0.00
4,500.0	0.00	0.00	4,425.7	-586.3	160.5	607.9	0.00	0.00	0.00
4,600.0	0.00	0.00	4,525.7	-586.3	160.5	607.9	0.00	0.00	0.00
4,700.0	0.00	0.00	4,625.7	-586.3	160.5	607.9	0.00	0.00	0.00
4,800.0	0.00	0.00	4,725.7	-586.3	160.5	607.9	0.00	0.00	0.00
4,900.0	0.00	0.00	4,825.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,000.0	0.00	0.00	4,925.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,089.3	0.00	0.00	5,015.0	-586.3	160.5	607.9	0.00	0.00	0.00
Chapita Wells									
5,100.0	0.00	0.00	5,025.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,200.0	0.00	0.00	5,125.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,300.0	0.00	0.00	5,225.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,400.0	0.00	0.00	5,325.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,500.0	0.00	0.00	5,425.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,600.0	0.00	0.00	5,525.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,700.0	0.00	0.00	5,625.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,800.0	0.00	0.00	5,725.7	-586.3	160.5	607.9	0.00	0.00	0.00
5,900.0	0.00	0.00	5,825.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,000.0	0.00	0.00	5,925.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,100.0	0.00	0.00	6,025.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,200.0	0.00	0.00	6,125.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,229.3	0.00	0.00	6,155.0	-586.3	160.5	607.9	0.00	0.00	0.00
Uteland Buttes									
6,300.0	0.00	0.00	6,225.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,400.0	0.00	0.00	6,325.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,500.0	0.00	0.00	6,425.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,600.0	0.00	0.00	6,525.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,700.0	0.00	0.00	6,625.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,800.0	0.00	0.00	6,725.7	-586.3	160.5	607.9	0.00	0.00	0.00
6,900.0	0.00	0.00	6,825.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,000.0	0.00	0.00	6,925.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,009.3	0.00	0.00	6,935.0	-586.3	160.5	607.9	0.00	0.00	0.00
Mesaverde									
7,100.0	0.00	0.00	7,025.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,200.0	0.00	0.00	7,125.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,300.0	0.00	0.00	7,225.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,400.0	0.00	0.00	7,325.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,500.0	0.00	0.00	7,425.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,600.0	0.00	0.00	7,525.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,700.0	0.00	0.00	7,625.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,800.0	0.00	0.00	7,725.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,900.0	0.00	0.00	7,825.7	-586.3	160.5	607.9	0.00	0.00	0.00
7,974.3	0.00	0.00	7,900.0	-586.3	160.5	607.9	0.00	0.00	0.00
5 1/2"									

XTO Energy, Inc.

Planning Report

Database:	EDM 2003.14 Single User Db	**Local Co-ordinate Reference:**	Well LCU 6-2H
Company:	XTO Energy	**TVD Reference:**	Rig KB @ 5412.0ft (Frontier #6)
Project:	Natural Buttes Wells(NAD83)	**MD Reference:**	Rig KB @ 5412.0ft (Frontier #6)
Site:	LCU 3-2H	**North Reference:**	True
Well:	LCU 6-2H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	LCU 6-2H		
Design:	Sundry'd Wellbore		

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
LCU 6-2H -- Requested - plan hits target - Circle (radius 30.0)	0.00	0.00	4,100.0	-586.3	160.5	3,125,305.34	2,160,051.04	39° 53' 28.586 N	109° 38' 54.500 W

Casing Points

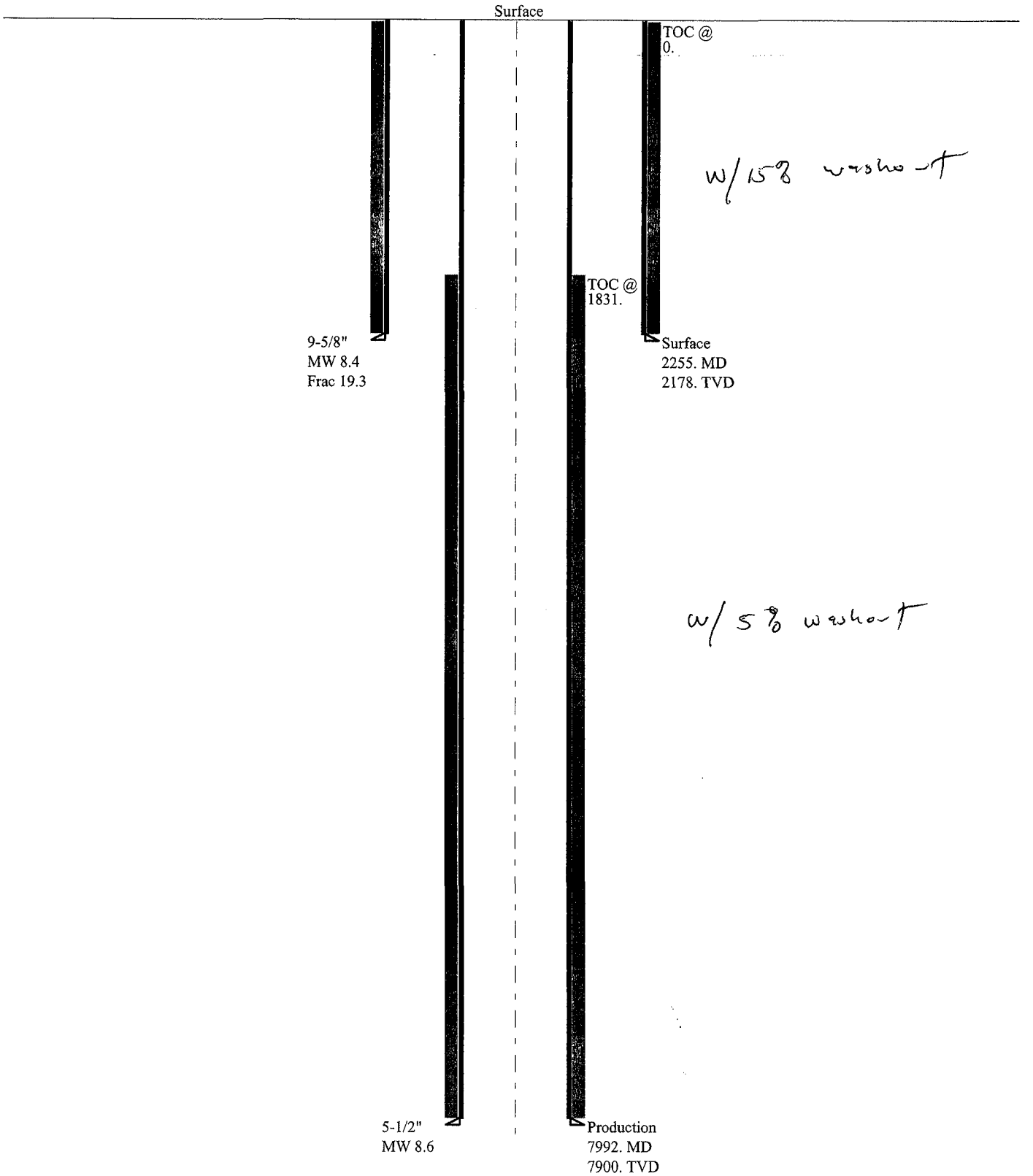
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
2,255.3	2,200.0	9 5/8"	9-5/8	12-1/4
7,974.3	7,900.0	5 1/2"	5-1/2	7-7/8

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,739.3	3,665.0	Wasatch Tongue		0.00	
4,099.3	4,025.0	Green River Tongue		0.00	
4,239.3	4,165.0	Wasatch		0.00	
5,089.3	5,015.0	Chapita Wells		0.00	
6,229.3	6,155.0	Uteland Buttes		0.00	
7,009.3	6,935.0	Mesaverde		0.00	

07-06 XTO LCU 6-2HRev.11-08

Casing Schematic



Well name:	**07-06 XTO LCU 6-2HRev.11-08**
Operator:	**XTO Energy Inc.**
String type:	Surface
Project ID:	43-047-38255
Location:	Uintah County

Design parameters:

Collapse

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,917 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 2,178 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC:	1.80 (J)
8 Round LTC:	1.80 (J)
Buttress:	1.60 (J)
Premium:	1.50 (J)
Body yield:	1.50 (B)

Tension is based on buoyed weight.

Neutral point: 1,967 ft

Environment:

H2S considered?	No
Surface temperature:	75 °F
Bottom hole temperature:	105 °F
Temperature gradient:	1.40 °F/100ft
Minimum section length:	250 ft
Cement top:	Surface

Directional well information:

Kick-off point	0 ft
Departure at shoe:	474 ft
Maximum dogleg:	3 °/100ft
Inclination at shoe:	19.7 °

Re subsequent strings:

Next setting depth:	7,881 ft
Next mud weight:	8.600 ppg
Next setting BHP:	3,521 psi
Fracture mud wt:	19.250 ppg
Fracture depth:	2,178 ft
Injection pressure:	2,178 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2255	9.625	36.00	J-55	ST&C	2178	2255	8.796	978.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	951	1961	2.063	2178	3520	1.62	69	394	5.74 J

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Minerals

Phone: 801-538-5281

FAX: 801-359-3940

Date: November 3,2008

Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2178 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 13, 2009

XTO Energy Inc.
382 Road 3100
Aztec, NM 87410

Re: APD Rescinded – LCU 6-2H, Sec. 2 T. 11S, R. 20E
Uintah County, Utah API No. 43-047-38255

Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on July 20, 2006. On June 28, 2007 and May 14, 2008, the Division granted a one-year APD extension.

No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective July 13, 2009. A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
SITLA, Ed Bonner

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING